

UNIVERSITY OF MALTA



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MATSEC EXAMINATIONS BOARD

**MATRICULATION CERTIFICATE
EXAMINATIONS 2001**

***MATRICULATION
CERTIFICATE
EXAMINATIONS 2001***

**MATSEC SUPPORT UNIT
UNIVERSITY OF MALTA
MALTA
MARCH 2002**



PREFACE

The Matriculation Certificate examination serves effectively as the entrance examination to the University of Malta. It also permits candidates who do not wish to join the university to take examinations in single subjects at Advanced level. In 2001, this system of examinations was in its fifth year of operation. Over the years, the number of candidates for the Matriculation Certificate increased by 50% from just over 1300 in 1997 to just under 2000 in 2001, while the number of candidates taking single subjects at Advanced level fluctuated between 1200 and 1500. Candidates were offered a choice of subjects consisting of thirty Advanced level and an equal number of Intermediate level subjects, all of which were offered in both the main session of examinations in May and in the supplementary session in September.

This statistical report covers many aspects of the examination that should be of interest to students, teachers, parents, researchers and educational policy makers. It provides comprehensive information about registrations, results and requests for revision of papers. Interesting results emerge about the popularity of the Advanced level and Intermediate level subjects, the distribution of candidates by age and by locality, the combinations of Advanced levels, grade distributions, percentage passes, and gender differences. The results of the 1983 cohort are of particular significance as they allow us to gauge the proportion of eighteen-year-olds who managed to obtain university entrance qualifications after thirteen years of schooling. This benchmark has implications for the economic and social development of our country.

This first comprehensive report on the Matriculation Certificate examination required a team effort by all members of the MATSEC Support Unit. Dr Grace Grima, our Principal Research and Development Officer was responsible for the organisation of the data and the writing of the report. The Principal Subject Area Officers, Dr Charles Briffa and Ms Josette Farrugia made valuable inputs and Mr Arthur Sammut, the Co-ordinator of the MATSEC Support Unit and his clerical staff provided the necessary backing. It must also be acknowledged that the compilation of this report would not have been possible without the computing system designed by our computer officer, Mr Joe Hales, who also sorted out the difficulties that arose. Also important was the helpful collaboration of the Examinations Department of the Ministry of Education, which is entrusted with the administration of various aspects of the examinations.

A handwritten signature in black ink, written in a cursive style, that reads "Frank Ventura".

Professor Frank Ventura
Chairman
MATSEC Examinations Board

March 2002

EXECUTIVE SUMMARY

This document reports on the Matriculation Certificate examinations of 2001 as well as the single subjects offered at Advanced Matriculation level in the same year. It gives an overview of the administration aspect of the examinations and then presents the registration and results data of the main session in May and the supplementary session in September. It also presents general statistics from the May and September sessions which have taken place between 1997- 2001 to indicate the trends that have been developing since the Matriculation Certificate examinations were introduced in the Maltese Islands.

May 2001 Registrations

Matriculation Certificate

Overall, there were 1,981 candidates (842 males and 1,139 females) who registered for the Matriculation Certificate examinations in May 2001. There were 1,786 candidates from Malta (752 males and 1034 females) and 195 candidates from Gozo (90 males and 105 females).

In 2001, the largest proportion of registrations (75.7%) belonged to the 1983 cohort. These are the candidates who turned eighteen in 2001. In total, 35.1% of the infants born in 1983 (N=5,651) registered for the Matriculation Certificate examinations in 2001. In particular, 29.0% of males (N=2,907) and 41.5% of females (N=2,744) born in 1983 registered for these examinations in this year.

In 2001, females outnumbered males in the registrations of the Matriculation Certificate. The relative proportions of males and females that made up the total registrations amounted to 42.5% males and 57.5% females.

The most popular subjects at Advanced level were Pure Mathematics (437 candidates), Accounting (410), English (380), Biology (339), Physics (333) and Maltese (324). Subjects with a significantly higher proportion of females included all the languages, Accounting, Art, Geography, Philosophy and Sociology. Males predominated in Advanced level Computing, Information Technology, Physics and Pure Mathematics.

At Intermediate level, the most popular subject was English, with 827 candidates. This was followed by Pure Mathematics (536), Philosophy (525), Environmental Science (498), Italian (476), Maltese (462) and Religious Knowledge (424). At this level, a higher proportion of females was observed in the languages, as well as in Art, Biology, Environmental Science, Information Technology, Philosophy, Pure Mathematics and Sociology. Males only predominated in three subjects at Intermediate level: in Applied Mathematics, Economics and Engineering Drawing/Graphical Communication.

In Malta, the highest number of registrations came from Birkirkara (120), Mosta (112) and Attard (81). In Gozo, the largest number of candidates came from Victoria (59). A comparable number of registrations came from Nadur (25), Xaghra (23) and Xewkija (22).

As part of the Matriculation Certificate, candidates chose to study two subjects at Advanced level. In 2001, there were 1,280 candidates (64.6% of the total cohort) who chose two Advanced level subjects from the same group of subjects. Overall, the most popular combination was two science subjects (29.4% of total cohort). This was followed by the choice of two Humanities/Commercial subjects (20.4%). There were several unexpected combinations of subjects studied at Advanced level such as Applied Mathematics with Sociology, Biology with Sociology, Pure Mathematics with Religious Studies and Physics with Art or Music.

Single Subjects

In 2001, there were 1,517 candidates who registered for single subjects at Advanced Matriculation level in 2001: 643 males and 1,436 females. There were 1,436 candidates from Malta (613 males and 823 females) and 81 candidates from Gozo (30 males and 51 females).

The most popular single subjects were the commercial subjects, that is, Accounting (383 candidates), Marketing (251) and Economics (119). The following languages were also popular: English (238 candidates), Italian (165) and Maltese (146).

May 2001 Results

Matriculation Certificate

At Advanced level, subjects with a high percentage of Grade A results were Accounting (20.2% getting a Grade A), Biology (10.6%), Physics (11.7%) and Pure Mathematics (9.6%). Pure Mathematics had the highest failure rate at this level (35.7%). In May 2001, Grade A was not awarded in Art, Engineering Drawing, Music and Philosophy.

Males performed significantly better than females in Biology ($\chi^2=20.74$, $df=5$, $p<0.001$) and Chemistry ($\chi^2=19.47$, $df=5$, $p<0.01$) in May 2001. Females performed significantly better than males in Maltese only ($\chi^2=16.51$, $df=4$, $p<0.01$). In the other subjects, there were no significant gender differences. Males and females performed at par in the following subjects: Accounting, English, French, Physics, Pure Mathematics and Sociology.

At Intermediate level, subjects with a high percentage of Grade A results were Accounting (with 12.6% getting a Grade A), Applied Mathematics (13.6%), Information Technology (15.4%), English (10.8%), Biology (10.6%) and Physics (9.9%). There was a high percentage of failures in Pure Mathematics (35.3%) and Philosophy (24.2%).

At Intermediate level, females performed significantly better than males in English ($\chi^2=12.61$, $df=5$, $p<0.05$), Maltese ($\chi^2=35.89$, $df=5$, $p<0.001$) and Systems of Knowledge ($\chi^2=45.38$, $df=5$, $p<0.001$). Males performed significantly better in Computing ($\chi^2=9.06$, $df=4$, $p<0.05$). Males and females performed equally well in Accounting, Biology, Economics, Environmental Science, French, Information Technology, Italian, Philosophy, Physics, Pure Mathematics, Religious Knowledge and Sociology.

The May 2001 results showed that 53.1% of the registered candidates were awarded a pass in the Matriculation Certificate after the main examination session. Overall, 11% of the candidates obtained a Grade A, 17.7% obtained a Grade B and 24.3% obtained a Grade C. In this session, females obtained significantly better grades than males ($\chi^2=14.52$, $df=3$, $p<0.01$).

Single Subjects

Grade A was rarely awarded to candidates taking single subjects at Advanced level, with the exception of the following subjects: Accounting, Maltese, Marketing and Religious Knowledge. At the same time, there was a high percentage of failures in the following subjects: Accounting (28.7%), Economics (26.9%), English (23.1%), Italian (20.9%), Marketing (19.5%), Pure Mathematics (29.9%) and Sociology (28.1%).

September 2001 Registrations

In total, 51.3% of the candidates who sat for the Matriculation Certificate in May 2001 applied for the September session. As expected, the majority of the candidates who applied for the supplementary session had failed in May (70.8%). In addition, 24.3% of the September candidates had already obtained an overall Grade C in May, 4.6% had obtained a Grade B and three candidates had already obtained an overall Grade A.

September 2001 Results

Overall, 53.5% of the candidates who sat for the supplementary session managed to obtain a pass in the Matriculation Certificate. Overall, 11.8% obtained a Grade A, 11.2% obtained a Grade B and 40.7% were awarded a Grade C. In this session, males and females performed at par.

Overall Results

The analysis of the 1983 cohort shows that 72.3% of the candidates born in that year obtained the Matriculation Certificate in 2001. This means that 19.2% of the infants born in 1983 obtained the obligatory entry requirements for University in 2001.

At Advanced level, when overall passes (Grades A to E) are considered, the range of pass rates in the different subjects varied from over 90% (in French, Geography, German, Maltese and Spanish) to over 40% (in Applied Mathematics). When grades A to C are considered, the range varied from over 80% (in Music) to over 20% (in Applied Mathematics).

At Intermediate level, when overall passes (Grades A to E) are considered, the range of pass rates in the different subjects varied from 100% (in Music) to over 70% (In Applied Mathematics, Chemistry, Engineering Drawing/Graphical Communication, French, Philosophy and Pure Mathematics). When grades A to C are considered, the range varied from over 80% (in Systems of Knowledge) to over 30% (in Chemistry).

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MATSEC EXAMINATIONS BOARD

MATRICULATION CERTIFICATE 2001

SECTION 1.0: INTRODUCTION

1.1 Background

The Matriculation and Secondary Education Certificate (MATSEC) Board was set up in 1991. It is responsible for external examinations at two levels: (a) the Matriculation Certificate examinations which have replaced the GCE A-levels and (b) the Secondary Education Certificate (SEC) examinations which have replaced the General Certificate of Education Ordinary Level (GCE O-level) offered by English examination boards.

The Matriculation Certificate is based on the Baccalaureate model which maintains that students develop into more mature individuals if their studies cover both the areas of the Humanities and the Sciences. In the Matriculation Certificate examinations, subjects are divided into four groups and students must choose one subject from each of Groups 1, 2 and 3 and any other two subjects. This structure ensures that candidates choose subjects from both the Humanities and the Sciences areas. In addition, all students are obliged to sit for Systems of Knowledge, a pass in which is obligatory in order to be awarded the certificate. In this system of examinations, students study two subjects at Advanced level and another four at Intermediate level, including Systems of Knowledge. Although any of the subjects offered may be chosen, there are some restrictions laid out in the regulations (See Appendix A). The regulations permit candidates to sit for single subjects at Advanced Matriculation level only.

The Matriculation Certificate requirements are intended to provide an opportunity for all students finishing post-secondary school education to obtain external certification for the subjects studied at school. The Matriculation Certificate is the obligatory entry requirement into the University of Malta. However, certain Faculties impose restrictions in terms of the subjects needed for admission and the grades that are acceptable for further studies in particular areas.

The main session of the examinations is held in May while the supplementary session is held in September. The regulations of these examinations were first published in 1994, and candidates took the examinations for the first time in 1997. To be awarded the Matriculation Certificate, candidates must obtain a pass in at least one of the subjects offered in each of Groups 1, 2 and 3 and Systems of Knowledge in one session (which includes the main and supplementary sessions) and gain at least 44 grade points. Grade points are awarded as follows:

For subjects at Advanced Level:

Grade A = 30 grade points
Grade B = 24 grade points
Grade C = 18 grade points
Grade D = 12 grade points
Grade E = 6 grade points.

For subjects at Intermediate Level:

Grade A = 10 grade points
Grade B = 8 grade points
Grade C = 6 grade points
Grade D = 4 grade points
Grade E = 2 grade points

The Certificate is awarded with an overall grade A, B, or C on the basis of the candidates' performance in the five subjects and in Systems of Knowledge.

Grade A is awarded to candidates who score between 80 and 100 grade points.

Grade B is awarded to candidates who score between 64 and 78 grade points.

Grade C is awarded to candidates who score between 44 and 62 grade points.

Candidates are allowed to resit a maximum of three subjects in the supplementary session as follows: one subject at Advanced level, one subject at Intermediate level and Systems of Knowledge.

Candidates who narrowly fail to obtain the overall Grade C in the supplementary session are awarded a Grade N. These candidates have the option to resit one failed/low graded subject or sit for another subject from the same group at the same level in the next session of examinations.

Table 1.1 below shows the numbers of candidates who have registered for the Matriculation Certificate examinations during the period 1997 - 2001.

Table 1.1: Registrations for Matriculation Certificate 1997-2001

Year	Males	Females	Total
1997	628	681	1309
1998	756	874	1630
1999	784	937	1721
2000	811	1051	1862
2001	842	1139	1981

Table 1.2 shows the numbers of candidates who have registered for Single Subjects at Advanced Matriculation level during the period 1997 – 2001.

Table 1.2: Registrations for Single Subjects 1997-2001

Year	Males	Females	Total
1997	713	760	1473
1998	558	635	1193
1999	610	800	1410
2000	556	671	1227
2001	643	874	1517

The present document reports on the Matriculation Certificate examinations of 2001. It also presents data on the entries for single subjects at Advanced Matriculation level in the same year. The report gives an overview of the administration aspect of the examinations and then presents the registration and results data of the main session in May and the supplementary session in September. It also presents general statistics from the May and September sessions which have taken place between 1997- 2001 to indicate the trends that have been developing since the Matriculation Certificate examinations were introduced in the Maltese Islands.

1.2 Administrative Information

The regulations of the Matriculation Certificate examinations 2001 are presented in Appendix A.

2001 May Session

The timetable for the May session was issued in mid-October 2000 (a copy is available in Appendix B).

Registration for the examinations took place between the 13th and 24th November 2000 (See Appendix C for a copy of the registration forms). Late applications were received between the 24th and 26th January 2001. All applications were received at the Examinations Department, Floriana and the Examinations Centre, Victoria, Gozo. They were processed by the Examinations Department, Floriana. There were 1,981 candidates (842 males and 1139 females) who registered for the Matriculation Certificate examinations of May 2001. In addition, there were 1,517 candidates (643 males and 874 females) who registered for single subjects at Advanced Matriculation level.

The examination session took place between the 27th April and the 4th June 2001.

The following subjects were offered for examination:

Accounting,	Applied Mathematics,	Arabic,
Art,	Biology,	Chemistry,
Computing,	Economics,	Engineering Drawing**,
Engineering Drawing/Graphical Communication*,	French,	English,
Environmental Science*,	Graphical Communication**,	Geography,
German**,	Home Economics**,	Greek,
History,	Latin,	Information Technology,
Italian,	Music,	Maltese,
Marketing,	Pure Mathematics,	Philosophy,
Physics,	Sociology,	Religious Knowledge,
Russian**,		Spanish**,
Systems of Knowledge*.		

* Offered at Intermediate Level only

** Offered at Advanced Level only

These subjects were grouped as follows:

Group 1:

Arabic, English, French, German, Greek, Italian, Latin, Maltese, Russian and Spanish.

Group 2:

Accounting, Economics, Geography, History, Marketing, Philosophy, Religious Knowledge and Sociology.

Group 3:

Applied Mathematics, Biology, Chemistry, Environmental Science, Physics, and Pure Mathematics.

Group 4:

Art, Computing, Engineering Drawing, Engineering Drawing/Graphical Communication, Graphical Communication, Home Economics, Information Technology, Music.

Systems of Knowledge.

The results of these examinations were published on the 11th July 2001.

Registration for the service of a Revision of Papers took place between the 17th and 20th July 2001 at the MATSEC Support Unit, University of Malta. (See Appendix D for a copy of the form).

2001 September Session

The timetable for the September session was issued on the 11th July 2001 (see Appendix B).

Registration for the examinations took place on the 17th and 24th July 2001.

Late applications were received on the 16th and 17th August 2001.

All applications were received and processed by the MATSEC Support Unit, University of Malta. There were 1,016 candidates who registered for the Matriculation Certificate examinations (433 males and 583 females) and 333 candidates who registered for single subjects at Advanced Matriculation level (140 males and 193 females) for the supplementary session.

The examinations were held between the 3rd and 7th September 2001.

All the subjects offered for examination in the May session were offered in the September session.

The results of these examinations were published on the 28th September 2001.

Registration for the service of a Revision of Papers took place between the 1st and 3rd October 2001 at the MATSEC Support Unit, University of Malta.

1.3 Requests for Special Arrangements

Requests for Special Arrangements during MATSEC examinations were received during the period of registration. Candidates needed to fill in a special form (see Appendix E for a copy of the form). This year, there were seven registrations for special arrangements.

1.4 The Examination Centres

In Malta, the administration of the examinations in the different centres was the responsibility of the Examinations Department, Floriana.

In Gozo, the administration of the examinations in the different centres was the responsibility of the Examinations Centre, Victoria.

In Malta, two examination centres were used for this session, as follows:

<u>Name of Centre</u>	<u>Capacity</u>
St Aloysius College, B'Kara	
Sixth Form Ground Floor	408
Sixth Form First Floor	235
Fifth Form*	185
Junior College, Msida	
Third Floor*	245
Fourth Floor	455

* These were only used for the May session.

In Gozo, another two examination centres were used for this session, as follows:

<u>Name of Centre</u>	<u>Capacity</u>
Examinations Centre, Victoria	150
Sir M.A. Refalo Post-Secondary School, Victoria	400

1.5 Oral Examinations

Table 1.3 shows the dates of the oral examinations:

Table 1.3: Oral Examinations – Advanced Level

Subject	Dates
French	27 th April 2001
German	30 th May 2001
Italian	14 th May 2001
Russian	4 th June 2001
Spanish	4 th June 2001

Table 1.4: Oral Examinations – Intermediate Level

Subject	Dates
Arabic	31 st May 2001
English Lang.	26 th May 2001
French	10 th May 2001
Italian	7 th May 2001
Maltese	5 th May 2001

In Malta, the oral examinations were held at St Aloysius College, B'Kara and the Junior College, Msida. In Gozo, the examinations were held at the Examinations Centre Victoria.

Teachers were recruited for the oral examinations on the basis of the recommendation of the Chairperson of the respective subjects.

Table 1.5 shows the numbers of examiners involved in the different subjects:

Table 1.5: Number of Examiners for Orals – Advanced Level

Subject	Malta	Gozo	Total
French	5	1	6
German	1	1	2
Italian	15	2	17
Russian	1	0	1
Spanish	2	1	3
Total	24	5	29

Table 1.6: Number of Examiners for Orals – Intermediate Level

Subject	Malta	Gozo	Total
Arabic	1	0	1
English	19	4	23
French	9	1	10
Italian	12	2	14
Maltese	10	5	15
Total	51	12	63

1.6 Coursework

There were five subjects at Advanced Level that had coursework in May 2001. These were: Art, Computing, Geography, Home Economics, Information Technology.

There were five subjects at Intermediate Level that had coursework in May 2001. These were: Art, Computing, Geography, Information Technology and Systems of Knowledge.

The coursework of the private candidates was to be submitted to the Examinations Department, Floriana and the Examinations Centre, Victoria, Gozo by the 23rd March 2001.

It is important to note that candidates may be called for an interview in relation to the work presented for the coursework component of the subjects under consideration.

1.7 Practical Examinations

Practical Examinations at Advanced Level were held in the following subjects: Art, Biology, Chemistry, Music and Physics.

Table 1.7 shows the dates of the practical examinations:

Table 1.7: Practical Examinations – Advanced Level

Subject	Dates
Art	31 st May 2001
Biology	30 th May – 1 st June 2001
Chemistry	1 st June – 6 th June 2001
Music	28 th May 2001
Physics	30 th May – 1 st June 2001

In Malta, the Art practical examination was held at St. Aloysius College, B’Kara.
In Gozo, the Art practical examination was held at the Examinations Centre, Gozo.

In Malta, the practical examinations for Biology, Chemistry and Physics were held at the laboratories of the University of Malta. In Gozo, the practical examinations for Biology, Chemistry and Physics were held at the laboratories of Sir M.A. Refalo Post-Secondary School, Victoria.

In May 2001, the Music practical examination was only held in Malta, at the Music Studies Room, Mediterranean Institute, University of Malta.

1.8 Revision of Papers

Candidates who are not satisfied with the grade awarded to them in any subject may register for the service of a Revision of Papers. Information about the registration period is posted to the candidates with their result slip. For each subject, an additional examiner is appointed to review the papers of the candidates who ask for a Revision of Papers. A brief report on the performance of the candidate is written in each case. This is forwarded to the candidate. A fee of Lm15 per subject is paid on registration. This fee is refundable in cases where the Board of Examiners recommends a change in the original grade. In the May 2001 session, there were 316 requests for Revision of Papers at Advanced Level and 203 at Intermediate Level. In the September 2001, session, there were 105 requests for Revision of Papers at Advanced Level and 53 at Intermediate Level.

1.9 Examiners’ Reports

For each subject, the Chairperson of the Markers’ Panel was required to write an Examiners’ Report on the performance of the candidates on the examination. The information for this report is usually compiled from the different markers involved in the process. This report provides statistical data on the grades awarded and gives detailed feedback on the performance of the candidates. This year, these reports, complemented with copies of the respective examination papers, were published on the 22nd October 2001. They were circulated to all post-secondary schools and also to the University Library as well as the Public Libraries in Malta and Gozo.

SECTION 2.0: MAY 2001 REGISTRATIONS

Table 2.1 presents the numbers of candidates who registered in May 2001 for the Matriculation Certificate.

**Table 2.1: 2001 Registrations by Year of Birth and Gender
Matriculation Certificate**

Year	Males	Females	Total
Pre1980	8	4	12
1980	9	6	15
1981	35	30	65
1982	186	199	385
1983	603	896	1499
1984	1	4	5
Total	842	1139	1981

In total, there were 1,981 candidates in May 2001: 842 males and 1,139 females. There were 1,786 candidates from Malta (752 males and 1034 females) and 195 candidates from Gozo (90 males and 105 females).

The largest number of registrations (75.7%) belonged to the 1983 cohort. This is the cohort that turned eighteen in 2001. There were 5,651 infants born in 1983 (2,907 males and 2,744 females) in the Maltese Islands. This means that 35.1% of the infants born in 1983 (29.0% of males and 41.5% of females) registered for the Matriculation Certificate examinations in 2001.

Table 2.2 presents the numbers of candidates who registered in May 2001 for single subjects at Advanced Matriculation level.

**Table 2.2: 2001 Registrations by Year of Birth and Gender
Single Subjects**

Year	Males	Females	Total
Pre1980	192	247	439
1980	54	56	110
1981	85	92	177
1982	145	196	341
1983	113	212	325
1984	54	71	125
Total	643	874	1517

Table 2.2 shows that there were 1,517 candidates who registered for single subjects at Advanced Matriculation level in 2001: 643 males and 874 females. There were 1,436 candidates from Malta (613 males and 823 females) and 81 candidates from Gozo (30 males and 51 females).

The largest category of registrations for single subjects belonged to the pre-1980 cohort (28.9%). These candidates were over 21 years old when they applied for these examinations. The second largest category of registrations came from the 19-year-olds (22.5%). This was followed by the category of the 18-year-olds (21.4%).

Tables 2.1 and 2.2 show that females outnumbered males in the registrations of both the Matriculation Certificate and the Single Subjects Advanced Matriculation examinations. In both cases, the relative proportions of males and females that made up the total registrations amounted to 42.5% males and 57.5% females.

Table 2.3 below provides information on the numbers of candidates, males and females, who applied for the Matriculation Certificate examinations at Advanced and Intermediate levels in the different subjects.

Figures 1-4 and 5-8 present the male and female proportions of the registrations per subject at Advanced and Intermediate levels. Please note that in these figures, AM refers to Advanced level subjects and IM refers to Intermediate level subjects.

Table 2.3: Matriculation Certificate Registrations by Subject and Gender (May 2001)

Subjects	Advanced Level			Intermediate Level		
	Males	Females	Total	Males	Females	Total
Accounting	182	228	410	64	55	119
Applied Mathematics	8	3	11	56	32	88
Arabic	0	0	0	0	1	1
Art	11	33	44	17	30	47
Biology	133	206	339	20	93	113
Chemistry	124	150	274	11	7	18
Computing	92	29	121	109	50	159
Economics	123	144	267	47	58	105
Engineering Drawing	4	0	4	-	-	-
Engineering/Graphical	0	0	0	61	25	86
English	98	282	380	369	458	827
Environmental Science	-	-	-	162	336	498
French	15	61	76	50	122	172
Geography	10	27	37	33	32	65
German	1	15	16	-	-	-
Graphical Communication	10	3	13	-	-	-
Greek	0	0	0	1	0	1
History	27	26	53	20	26	46
Home Economics	1	58	59	-	-	-
Information Technology	31	15	46	126	192	318
Italian	45	111	156	235	241	476
Maltese	107	217	324	181	281	462
Marketing	76	148	224	70	79	149
Music	4	8	12	0	7	7
Philosophy	14	34	48	201	324	525
Physics	219	114	333	179	186	365
Pure Mathematics	276	161	437	218	318	536
Religious Knowledge	37	35	72	199	225	424
Sociology	35	147	182	97	239	336
Spanish	1	23	24	-	-	-
Systems of Knowledge	-	-	-	842	1139	1981

Figure 1: AM Registrations by Gender: Group 1

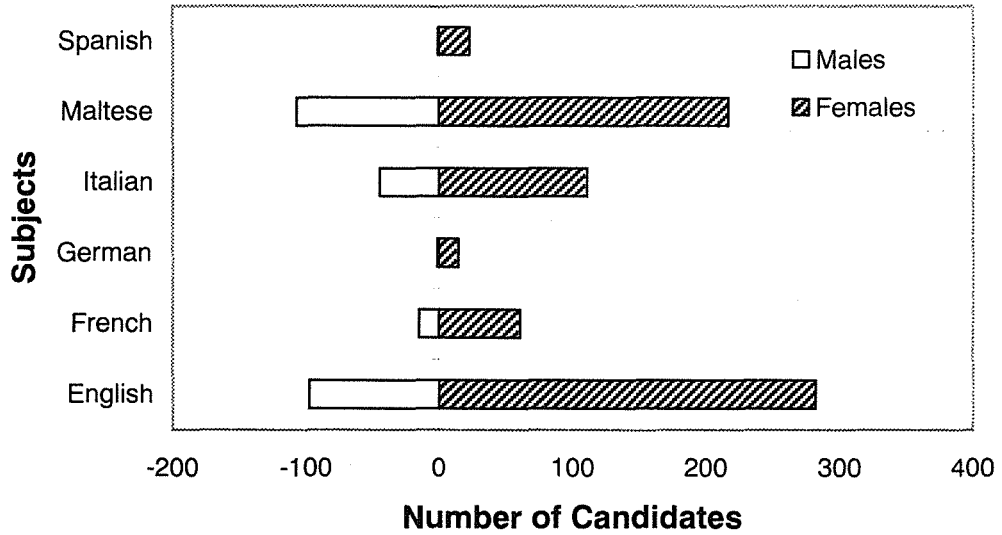


Figure 2: AM Registrations by Gender: Group 2

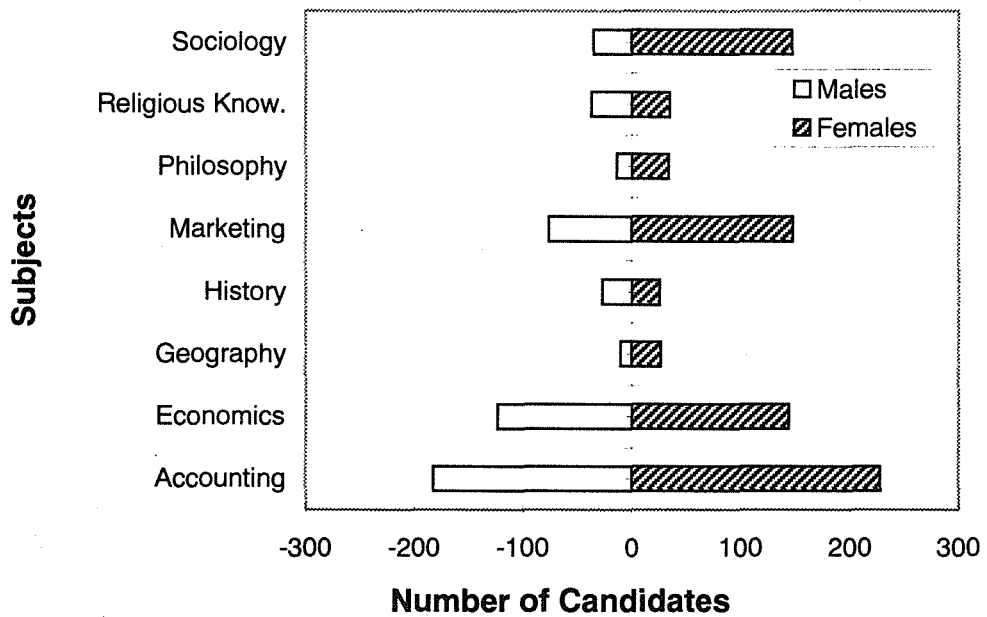


Figure3: AM Registrations by Gender: Group 3

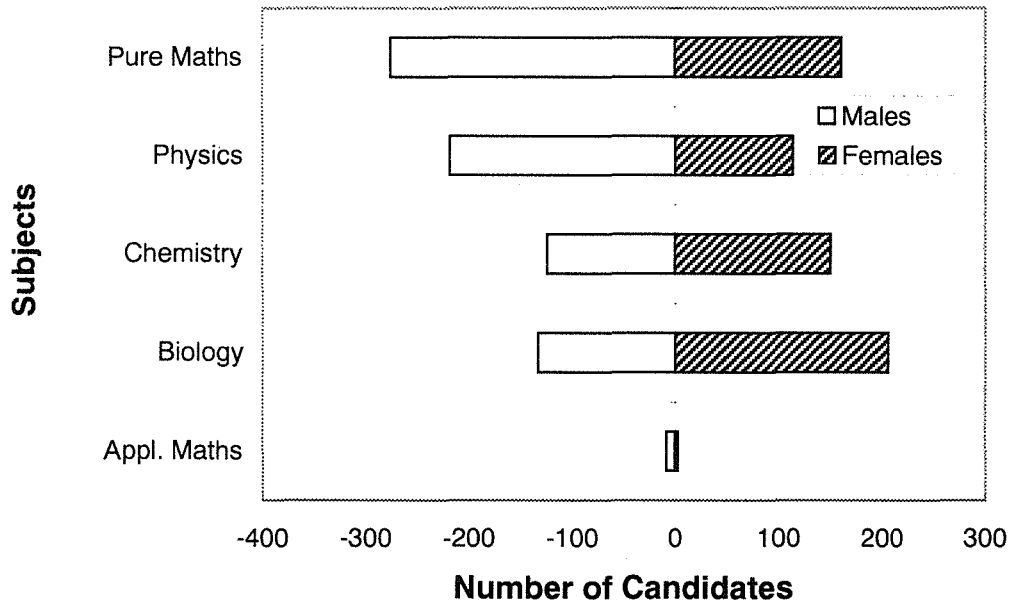


Figure 4: AM Registrations by Gender: Group 4

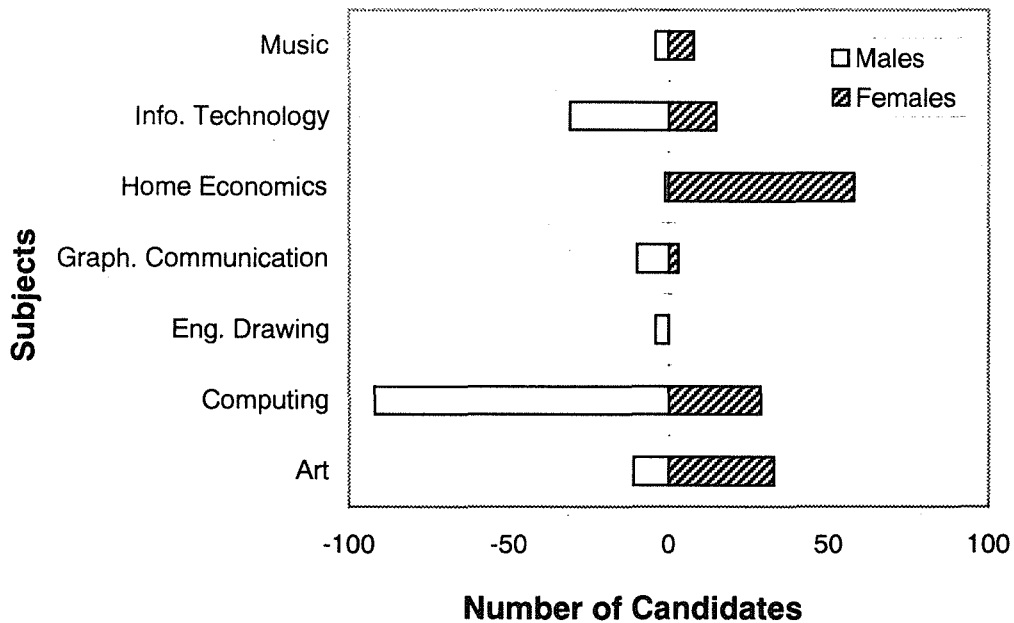


Figure 5: IM Registrations by Gender: Group 1

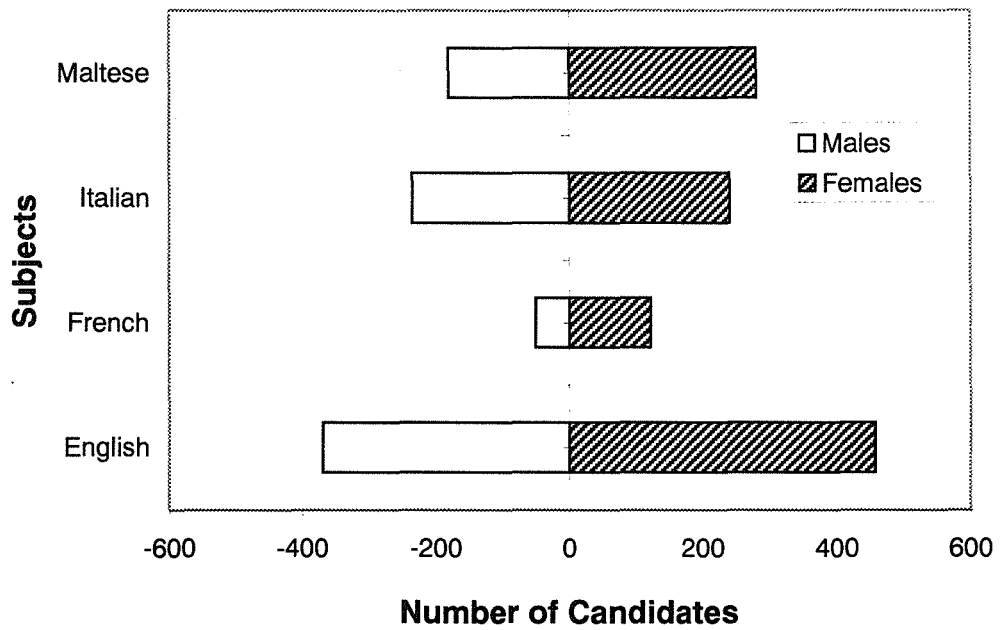


Figure 6: IM Registration by Gender: Group 2

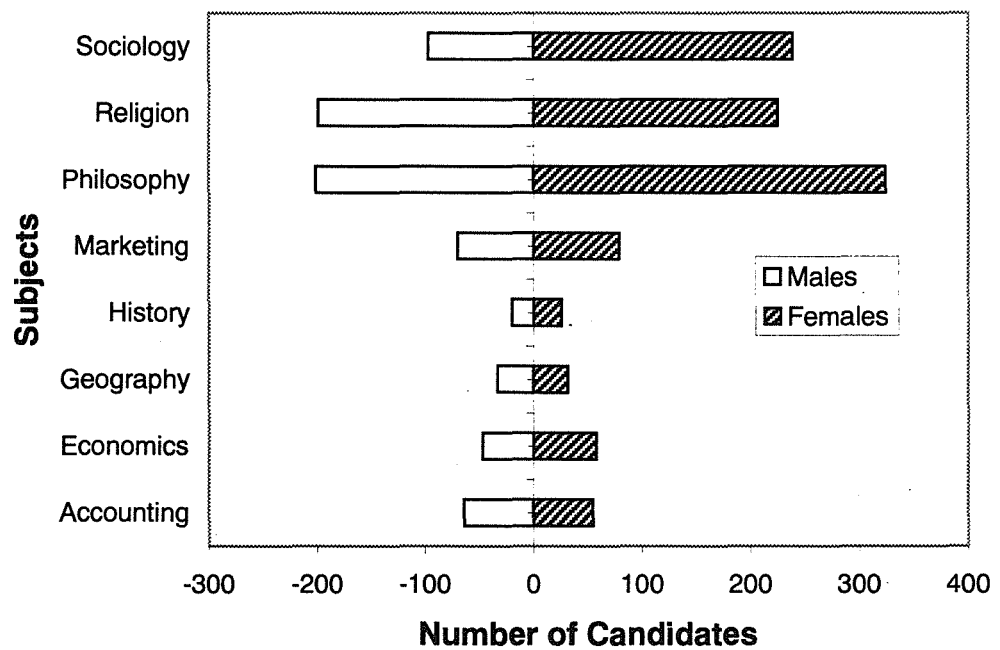


Figure 7: IM Registrations by Gender: Group 3

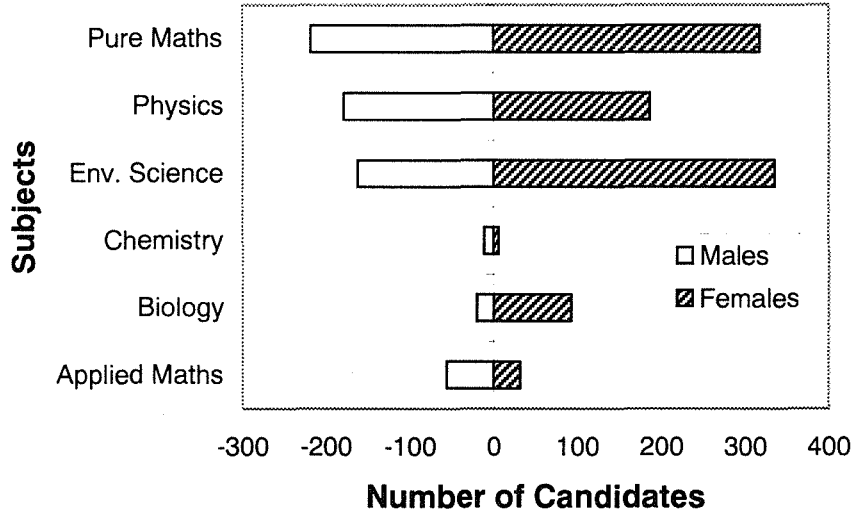
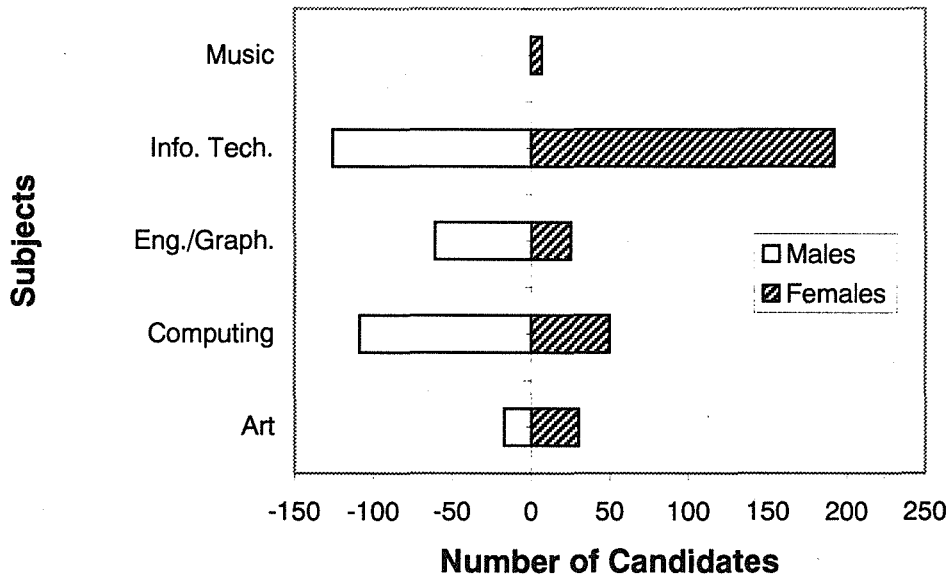


Figure 8: IM Registrations by Gender: Group 4



In the Matriculation Certificate, the most popular subjects at Advanced level were Pure Mathematics (437 candidates), Accounting (410), English (380), Biology (339), Physics (333) and Maltese (324). At Intermediate level, the most popular subject was English, with 827 candidates. This was followed by Pure Mathematics (536), Philosophy (525), Environmental Science (498), Italian (476), Maltese (462) and Religious Knowledge (424).

At Advanced level, subjects with a significantly higher proportion of females included all the languages, Accounting, Art, Geography, Philosophy and Sociology. Males predominated in Advanced level Computing, Information Technology, Physics and Pure Mathematics.

At Intermediate level, a higher proportion of females was once again observed in the languages, as well as in Art, Biology, Environmental Science, Information Technology, Philosophy, Pure Mathematics and Sociology. It is interesting to note that more males than females tended to study Information Technology and Pure Mathematics at Advanced level, while more females than males tended to study these subjects at Intermediate level. Males only predominated in three subjects at Intermediate level: in Applied Mathematics, Economics and Engineering Drawing/Graphical Communication.

In the year 2000, there were 115 candidates (52 males and 63 females) who were classified as Narrowly Failed (N). Eighty-nine of these (43 males and 46 females) re-applied in 2001. As explained in Section 1.1, these candidates had the option to resit one failed/low graded subject or sit for another subject from the same group at the same level in May 2001. These candidates are followed through as a subgroup of the Matriculation Certificate examinations in the different sections of this report.

Table 2.4 below provides information on the numbers of candidates, males and females, who applied for single subjects at Advanced Matriculation level in the different subjects.

The registration numbers show that in 2001, the most popular single subjects were the commercial subjects, that is, Accounting (383 candidates), Marketing (251) and Economics (119). The following languages were also popular: English (238 candidates), Italian (165) and Maltese (146).

The data in Tables 2.2 and 2.3 indicate that more candidates took Advanced level Art, Italian, Marketing and Religious Knowledge as single subjects than as part of the Matriculation Certificate in 2001. It is also worth pointing out that Systems of Knowledge was the only Intermediate level subject that was offered as a single subject.

Table 2.4: Single Subjects Registrations by Subject and Gender (May 2001)

Subjects	Advanced Level		
	Males	Females	Total
Accounting	143	240	383
Applied Mathematics	2	0	2
Art	21	33	54
Biology	9	14	23
Chemistry	6	4	10
Computing	74	21	95
Economics	56	63	119
Engineering Drawing	14	1	15
English	63	175	238
French	3	15	18
Geography	1	2	3
German	1	1	2
Graphical Communication	9	2	11
History	16	8	24
Home Economics	0	11	11
Information Technology	9	0	9
Italian	58	105	163
Maltese	45	101	146
Marketing	117	134	251
Music	0	1	1
Philosophy	12	17	29
Physics	47	11	58
Pure Mathematics	64	23	87
Religious Knowledge	45	49	94
Russian	0	3	3
Sociology	23	48	71
Spanish	5	12	17
	Intermediate Level		
	Males	Females	Total
Systems of Knowledge	6	1	7

Table 2.5 shows the conditions of the small number of candidates who made requests for special arrangements at this level. Four of the seven candidates made requests because of temporary conditions such as injury and pregnancy.

Table 2.5: Registration of Requests for Special Arrangements by Presenting Condition

Condition	Candidates
Dyslexia	1
Hand Injury	2
Leg Injury	1
Pregnant	1
Visual Impairment	2
Total	7

Applications by candidates with special needs were processed by the Special Needs Committee of the University of Malta (Chairman Prof. Mario Vassallo) which decides on appropriate arrangements to enable these candidates to take the examinations. In general, special arrangements included extra time, rest periods, large print, instructions to examiners of oral components, invigilators and markers as well as the provision of amanuenses.

Table 2.6 below shows that candidates who made requests for special arrangements registered for a variety of subjects at Advanced and Intermediate levels.

Table 2.6: Registration of Requests for Special Arrangements by Subject

Subject	Advanced	Intermediate
Accounting	2	0
Art	0	1
Economics	1	0
English	2	0
Environmental Science	0	3
French	0	1
Home Economics	1	0
Information Technology	0	1
Italian	0	1
Maltese	2	1
Marketing	3	0
Philosophy	0	1
Pure Mathematics	0	1
Religious Knowledge	0	1
Sociology	0	2
Systems of Knowledge	0	4

Tables 2.7 and 2.8 below indicate how many candidates registered for the Matriculation Certificate examinations from the different towns and villages in Malta and Gozo. In Malta, the highest number of registrations came from Birkirkara (120), Mosta (112) and Attard (81). In Gozo, the largest number of candidates came from Victoria (59). A comparable number of registrations came from Nadur (25), Xaghra (23) and Xewkija (22).

**Table 2.7: Registrations of Maltese
Matriculation Certificate Candidates by Locality (Page 1 of 2)**

Locality - Malta	Males	Females	Total
Attard	38	43	81
Balzan	9	11	20
Bahar ic-Caghaq	3	0	3
Birgu	4	6	10
Birkirkara	56	64	120
Birzebbuga	13	26	39
Blata l-Bajda	2	0	2
Bormla	8	8	16
Bugibba	0	7	7
Burmarrad	3	2	5
Dingli	4	12	16
Fgura	29	40	69
Fleur-de-Lys	1	4	5
Floriana	3	3	6
G'Mangia	1	6	7
Gharghur	2	6	8
Ghaxaq	6	10	16
Gudja	2	12	14
Gzira	8	16	24
Hamrun	11	18	29
Ibragg	3	6	9
Iklin	8	5	13
Isla	4	1	5
Kalkara	0	7	7
Kappara	4	6	10
Kirkop	4	7	11
Lija	4	17	21
Luqa	10	6	16
Madliena	6	3	9
Manikata	0	1	1
Marsa	4	6	10
Marsascala	8	15	23
Marsaxlokk	6	13	19
Mdina	2	2	4
Mellieha	14	9	23
Mgarr	5	6	11
Mosta	48	64	112
Mqabba	5	12	17
Mriehel	0	1	1
Msida	17	29	46
Mtarfa	1	1	2
Naxxar	22	39	61
Paola	19	21	40
Pembroke	5	5	10
Pieta	6	4	10
Qawra	2	3	5
Qormi	28	38	66

**Table 2.7: Registrations of Maltese
Matriculation Certificate Candidates by Locality (Page 2 of 2)**

Locality - Malta	Males	Females	Total
Qrendi	2	4	6
Rabat	25	39	64
Safi	3	12	15
San Gwann	36	25	61
San Pawl tat-Targa	3	4	7
Santa Lucia	9	12	21
Santa Venera	14	12	26
Siggiewi	14	31	45
Sliema	32	36	68
St. Andrews	1	3	4
St. Julian's	27	26	53
St. Paul's Bay	5	9	14
Swatar	0	3	3
Swieqi	26	24	50
Ta Xbiex	3	8	11
Tarxien	26	31	57
Valetta	5	5	10
Xemxija	1	0	1
Xghajra	1	1	2
Zabbar	24	46	70
Zebbug	23	24	47
Zejtun	12	25	37
Zurrieq	22	32	54
Total	752	1033	1785

**Table 2.8: Registrations of Gozitan
Matriculation Certificate Candidates by Locality**

Locality - Gozo	Males	Females	Total
Fontana	3	5	8
Ghajnsielem	6	5	11
Gharb	2	1	3
Kercem	10	5	15
Marsalforn	0	2	2
Munxar	2	6	8
Nadur	10	15	25
Qala	5	3	8
San Lawrenz	2	2	4
Sannat	1	3	4
Victoria	27	32	59
Xaghra	11	12	23
Xewkija	9	13	22
Zebbug	2	2	4
Total	90	106	196

As explained in Section 1.0, for the Matriculation Certificate candidates choose two subjects at Advanced level from any of the four given groups. Table 2.9 below gives a breakdown of the combination of subjects chosen by candidates in 2001.

**Table 2.9: Combination of Advanced Level Subjects chosen for the
Matriculation Certificate May 2001 (page 1 of 5)**

GROUP ONE			COMBINATION OF SUBJECTS			
	N	%				
ENGLISH	380					
Group One	232	61.1	French (22)	German (1)	Italian (28)	Maltese (179)
			Spanish (2)			
Group Two	105	27.6	Accounting (8)	Economics (6)	Geography (6)	History (13)
			Marketing (31)	Philosophy (11)	Religious Knowledge (10)	Sociology (20)
Group Three	24	6.3	Biology (19)	Chemistry (1)	Physics (1)	Pure Maths (3)
Group Four	19	5.0	Art (10)	Home Economics (7)	Information Technology (2)	
FRENCH	76					
Group One	50	65.8	English (22)	German (3)	Italian (16)	Maltese (8)
			Spanish (1)			
Group Two	20	26.3	Accounting (3)	Economics (1)	Geography (6)	History (1)
			Marketing (2)	Sociology (7)		
Group Three	1	1.3	Biology (1)			
Group Four	5	6.6	Computing (3)	Home Economics (1)	Music (1)	
GERMAN	16					
Group One	5	31.3	English (1)	French (3)	Italian (1)	
Group Two	9	56.3	History (2)	Marketing (4)	Sociology (3)	
Group Three	1	6.3	Pure Mathematics (1)			
Group Four	1	6.3	Music (1)			
ITALIAN	156					
Group One	66	42.3	English (28)	French (16)	German (1)	Maltese (19)
			Spanish (2)			
Group Two	67	42.9	Accounts (10)	Economics (3)	Geography (1)	History (3)
			Marketing (10)	Philosophy (8)	Religious Knowledge (14)	Sociology (18)
Group Three	8	5.1	Biology (6)	Physics (1)	Pure Mathematics (1)	
Group Four	15	9.6	Art (10)	Home Economics (2)	Information Technology (1)	Music (2)
MALTESE	324					
Group One	209	64.5	English (179)	French (8)	Italian (19)	Spanish (3)
Group Two	87	26.8	Accounting (9)	Economics (1)	Geography (2)	History (8)
			Marketing (10)	Philosophy (2)	Religious Knowledge (16)	Sociology (39)
Group Three	10	3.1	Biology (9)	Pure Mathematics (1)		
Group Four	18	5.5	Art (5)	Computing (1)	Engineering Drawing (2)	Graphical Comm. (2)
			Home Economics (5)	Information Technology (1)	Music (2)	
SPANISH	24					
Group One	8	33.3	English (2)	French (1)	Italian (2)	Maltese (3)
Group Two	15	62.5	Accounts (2)	Economics (1)	Geography (1)	Philosophy (1)
			Sociology (10)			
Group Three	0	0.0				
Group Four	1	4.1	Art (1)			

**Table 2.9: Combination Advanced Level Subjects chosen for the
Matriculation Certificate May 2001 (page 2 of 5)**

GROUP TWO			COMBINATION OF SUBJECTS			
	N	%				
ACCOUNTING	410					
Group One	32	7.8	English (8) Spanish (2)	French (3)	Italian (10)	Maltese (9)
Group Two	303	73.9	Economics (197)	Marketing (103)	Religious Knowledge (2)	Sociology (1)
Group Three	37	9.0	Pure Mathematics (37)			
Group Four	38	9.2	Computing (19)	Information Technology (19)		
ECONOMICS	267					
Group One	12	4.5	English (6) Spanish (1)	French (1)	Italian (3)	Maltese (1)
Group Two	235	88.1	Economics (197) Sociology (4)	Geography (1)	Marketing (36)	Philosophy (1)
Group Three	3	1.1	Pure Mathematics (3)			
Group Four	13	4.9	Computing (4)	Information Technology (9)		
GEOGRAPHY	37					
Group One	16	43.2	English (6) Spanish (1)	French (6)	Italian (1)	Maltese (2)
Group Two	18	48.6	Economics (1)	History (8)	Sociology (9)	
Group Three	3	8.1	Biology (1)	Physics (1)	Pure Mathematics (1)	
Group Four	0	0.0				
HISTORY	53					
Group One	27	50.9	English (13) Maltese (8)	French (1)	German (2)	Italian (3)
Group Two	21	39.6	Geography (8) Sociology (8)	Marketing (1)	Philosophy (1)	Religious Knowledge (3)
Group Three	0	0.0				
Group Four	5	9.4	Art (4)	Music (1)		

**Table 2.9: Combination of Advanced Level Subjects chosen for the
Matriculation Certificate May 2001 (page 3 of 5)**

GROUP TWO			COMBINATION OF SUBJECTS			
	N	%				
MARKETING	224					
Group One	57	25.4	English (31) Maltese (10)	French (2)	German (4)	Italian (10)
Group Two	145	64.7	Accounting (103)	Economics (36)	History (1)	Sociology (5)
Group Three	6	2.6	Biology (2)	Physics (1)	Pure Mathematics (3)	
Group Four	16	7.1	Art (2) Information Technology (6)	Computing (6)	Graphical Comm. (1)	Home Economics (1)
PHILOSOPHY	48					
Group One	22	45.8	English (11)	Italian (8)	Maltese (2)	Spanish (1)
Group Two	17	35.4	Economics (1)	History (1)	Religious Knowledge (3)	Sociology (12)
Group Three	3	6.3	Biology (3)			
Group Four	6	12.5	Art (4)	Home Economics (2)		
RELIGIOUS KNOWLEDGE	72					
Group One	40	55.5	English (10)	Italian (14)	Maltese (16)	
Group Two	20	27.7	Accounting (2)	History (3)	Philosophy (3)	Sociology (12)
Group Three	3	4.2	Biology (1)	Pure Mathematics (2)		
Group Four	9	12.5	Engineering Drawing (1) Music (1)	Graphical Comm. (1)	Home Economics (5)	Information Technology (1)
SOCIOLOGY	182					
Group One	97	53.3	English (20) Maltese (39)	French (7) Spanish (10)	German (3)	Italian (18)
Group Two	51	28.0	Accounting (1) Marketing (5)	Economics (4) Philosophy (12)	Geography (9) Religious Knowledge (12)	History (8)
Group Three	14	7.7	Applied Mathematics (1) Pure Mathematics (2)	Biology (9)	Chemistry (1)	Physics (1)
Group Four	20	10.9	Art (1)	Graphical Comm. (1)	Home Economics (16)	Music (2)

**Table 2.9: Combination of Advanced Level Subjects chosen for the
Matriculation Certificate May 2001 (page 4 of 5)**

GROUP THREE			COMBINATION OF SUBJECTS			
	N	%				
APPLIED MATHEMATICS	11					
Group One	0	0.0				
Group Two	1	9.1	Sociology (1)			
Group Three	10	90.9	Physics (9)	Pure Mathematics (1)		
Group Four	0	0.0				
BIOLOGY	339					
Group One	35	10.3	English (19)	French (1)	Italian (6)	Maltese (9)
Group Two	16	4.7	Geography (1)	Marketing (2)	Philosophy (3)	Religious Knowledge (1)
			Sociology (9)			
Group Three	269	79.4	Chemistry (268)	Physics (1)		
Group Four	19	5.6	Art (1)	Computing (1)	Home Economics (17)	
CHEMISTRY	274					
Group One	1	0.3	English (1)			
Group Two	1	0.3	Sociology (1)			
Group Three	272	99.3	Biology (268)	Physics (4)		
Group Four	0	0.0				
PHYSICS	333					
Group One	2	0.6	English (1)	Italian (1)		
Group Two	3	0.9	Geography (1)	Marketing (1)	Sociology (1)	
Group Three	313	93.9	Applied Mathematics (9)	Biology (1)	Chemistry (4)	Pure Mathematics(299)
Group Four	15	4.5	Art (1)	Computing (10)	Engineering Drawing (1)	Graphical Comm. (2)
			Home Economics (1)			
PURE MATHEMATICS	437					
Group One	6	1.4	English (3)	German (1)	Italian (1)	Maltese (1)
Group Two	48	10.9	Accounting (37)	Economics (3)	Geography (1)	Marketing (3)
			Religious Knowledge (2)	Sociology (2)		
Group Three	300	68.6	Applied Mathematics (1)	Physics (299)		
Group Four	83	18.9	Computing (75)	Graphical Comm. (1)	Information Technology (7)	

**Table 2.9: Combination of Advanced Level Subjects chosen for the
Matriculation Certificate May 2001 (page 5 of 5)**

GROUP FOUR			COMBINATION OF SUBJECTS			
	N	%				
ART	44					
Group One	26	59.1	English (10)	Italian (10)	Maltese (5)	Spanish (1)
Group Two	11	25.0	History (4)	Marketing (2)	Philosophy (4)	Sociology (1)
Group Three	2	4.5	Biology (1)	Physics (1)		
Group Four	5	11.4	Graphical Comm. (3)	Home Economics (1)	Music (1)	
COMPUTING	121					
Group One	4	3.3	French (3)	Maltese (1)		
Group Two	29	24.0	Accounting (19)	Economics (4)	Marketing (6)	
Group Three	86	71.1	Biology (1)	Physics (10)	Pure Mathematics(75)	
Group Four	2	1.6	Graphical Comm (2)			
ENGINEERING DRAWING	4					
Group One	2	50.0	Maltese (2)			
Group Two	1	25.0	Religious Knowledge (1)			
Group Three	1	25.0	Physics (1)			
Group Four	0	0.0				
GRAPHICAL COMM.	13					
Group One	2	15.4	Maltese (2)			
Group Two	3	23.1	Marketing (1)	Religious Knowledge (1)	Sociology (1)	
Group Three	3	23.1	Physics (2)	Pure Mathematics (1)		
Group Four	5	38.4	Art (3)	Computing (2)		
HOME ECONOMICS	59					
Group One	15	25.4	English (7)	French (1)	Italian (2)	Maltese (5)
Group Two	24	40.7	Marketing (1)	Philosophy (2)	Religious Knowledge (5)	Sociology (16)
Group Three	18	30.5	Biology (17)	Physics (1)		
Group Four	2	3.4	Art (1)	Music (1)		
INFORMATION TECHNOLOGY	46					
Group One	4	8.7	English (2)	Italian (1)	Maltese (1)	
Group Two	35	76.1	Accounting (19)	Economics (9)	Marketing (6)	Religious Knowledge (1)
Group Three	7	15.2	Pure Mathematics (7)			
Group Four	0	0.0				
MUSIC	12					
Group One	6	50.0	French (1)	German (1)	Italian (2)	Maltese (2)
Group Two	4	33.3	History (1)	Religious Knowledge (1)	Sociology (2)	
Group Three	0	0.0				
Group Four	2	16.7	Art (1)	Home Economics (1)		

Table 2.9 shows all the combinations of subjects chosen by the candidates. At subject level, this table enables one to observe the subjects that were chosen with every subject on offer. This table also shows the following results:

There were 1,280 candidates (64.6% of the total cohort) who chose two Advanced level subjects within the same group.

285 (14.4%) chose two subjects from Group 1 (Languages).

405 (20.4%) chose two subjects from Group 2 (Humanities/Commercial Subjects).

582 (29.4%) chose two subjects from Group 3 (Sciences).

8 (0.4%) chose two subjects from Group 4 (Others).

In addition, there were 701 candidates (35.4% of the total cohort) who chose two Advanced level subjects from two different groups.

303 (15.3%) chose one subject from Group 1 and one subject from Group 2.

45 (2.3%) chose one subject from Group 1 and one subject from Group 3.

60 (3.0%) chose one subject from Group 1 and one subject from Group 4.

69 (3.5%) chose one subject from Group 2 and one subject from Group 3.

107 (5.4%) chose one subject from Group 2 and one subject from Group 4.

117 (5.9%) chose one subject from Group 3 and one subject from Group 4.

This analysis shows that overall, the most popular combination was two Science subjects from Group 3. This was followed by the option of two Humanities / Commercial subjects from Group 2. Among the combination of mixed groups, the most popular choice was a language from Group 1 and a Humanities subject from Group 2. There were also several unexpected combinations of subjects studied at Advanced level such as Applied Mathematics with Sociology, Biology with Sociology, Pure Mathematics with Religious Knowledge and Physics with Music or Art.

As explained in Section 1.8, candidates who are not satisfied with the grade awarded to them in any subject, can register for the service of a Revision of Papers. Table 2.10 shows the numbers of the requests made for the different subjects after the May 2001 results were issued.

Table 2.10: Registrations for Revision of Papers (May 2001)

Subjects	Advanced*			Intermediate		
	Reg.	Requests	%	Reg.	Requests	%
Accounting	793	8	1.0	119	0	0.0
Applied Mathematics	13	1	7.7	88	1	1.1
Arabic	0	0	0.0	1	0	0.0
Art	98	4	4.1	47	3	6.4
Biology	362	35	9.7	113	1	0.9
Chemistry	284	56	19.7	18	1	5.6
Computing	216	6	2.8	159	1	0.6
Economics	386	17	4.4	105	3	2.9
Engineering Drawing	19	1	5.3	-	-	-
Engineering/Graphical	0	0	0.0	86	3	3.5
English	618	37	6.0	827	18	2.2
Environmental Science	-	-	-	498	9	1.8
French	94	4	4.3	172	6	3.5
Geography	40	1	2.5	65	2	3.1
German	18	1	5.6	-	-	-
Graphical Communication	24	0	0.0	-	-	-
Greek	0	0	0.0	1	0	0.0
History	77	1	1.3	46	1	2.2
Home Economics	70	6	8.6	-	-	-
Information Technology	55	0	0.0	318	1	0.3
Italian	319	13	4.1	476	11	2.3
Maltese	470	40	8.5	462	12	2.6
Marketing	475	12	2.5	149	3	2.0
Music	13	0	0.0	7	0	0.0
Philosophy	77	6	7.8	525	40	7.6
Physics	391	23	5.8	365	19	5.2
Pure Mathematics	524	33	6.3	536	12	2.2
Religious Knowledge	166	0	0.0	424	18	4.2
Russian	3	0	0.0	-	-	-
Sociology	253	11	4.3	336	17	5.1
Spanish	41	0	0.0	-	-	-
Systems of Knowledge	-	-	-	1988	21	1.1
Total	5899	316	5.4	7931	203	2.6

* At Advanced level, the number of registrations and requests for revision of papers for the Matriculation Certificate and Single Subjects are added together.

Table 2.10 shows that the overall percentage of requests for a revision of papers was twice as high for subjects at Advanced level compared to the Intermediate level (5.4% and 2.6% respectively). Data relating to the outcome of these requests are presented in the following section.

SECTION 3.0: MAY 2001 RESULTS

The following tables present the May 2001 results.

Table 3.1 and 3.2 present the Advanced and Intermediate level results by gender obtained in the different subjects studied as part of the Matriculation Certificate. Table 3.3 presents the results of the Single Subjects studied at Advanced level.

Table 3.1 shows that at Advanced level, subjects with a high percentage of Grade A results were Accounting (with 20.2% getting a Grade A), Biology (10.6%), Physics (11.7%) and Pure Mathematics (9.6%). However, it is worth noting that Pure Mathematics also had the highest failure rate at this level (35.7%). Table 3.1 also shows that Grade A was not awarded in Art, Engineering Drawing, Music and Philosophy.

Chi-square tests carried out on the data presented in Table 3.1 show that males performed significantly better than females in Biology ($\chi^2=20.74$, $df=5$, $p<0.001$) and Chemistry ($\chi^2=19.47$, $df=5$, $p<0.01$). Females performed significantly better than males in Maltese only ($\chi^2=16.51$, $df=4$, $p<0.01$). In the other subjects, there were no significant gender differences. Males and females performed at par in the following subjects: Accounting, English, French, Physics, Pure Mathematics and Sociology.

Table 3.2 shows that at Intermediate level, subjects with a high percentage of Grade A results were Accounting (with 12.6% getting a Grade A), Applied Mathematics (13.6%), Information Technology (15.4%), English (10.8%), Biology (10.6%) and Physics (9.9%). There was a high percentage of failures in Pure Mathematics (35.3%) and Philosophy (24.2%). No grade Es were awarded in Systems of Knowledge. In this subject, candidates need to pass in both coursework and the written examination which have equal weighting in order to obtain an overall pass.

Chi-square tests carried out on the data presented in Table 3.2 show that females performed significantly better than males in English ($\chi^2=12.61$, $df=5$, $p<0.05$), Maltese ($\chi^2=35.89$, $df=5$, $p<0.001$) and Systems of Knowledge ($\chi^2=45.38$, $df=5$, $p<0.001$). Males performed significantly better in Computing ($\chi^2=9.06$, $df=4$, $p<0.05$). Males and females performed equally well in Accounting, Biology, Economics, Environmental Science, French, Information Technology, Italian, Philosophy, Physics, Pure Mathematics, Religious Knowledge and Sociology.

Table 3.3 shows that Grade A was rarely awarded to candidates taking single subjects at Advanced level, with the exception of the following subjects: Accounting, Maltese, Marketing and Religious Knowledge. At the same time, there was a high percentage of failures in the following subjects: Accounting (28.7%), Economics (26.9%), English (23.1%), Italian (20.9%), Marketing (19.5%), Pure Mathematics (29.9%) and Sociology (28.1%).

**Table 3.1: May Results by Subject and Gender:
Matriculation Certificate (Advanced Level) (page 1 of 2)**

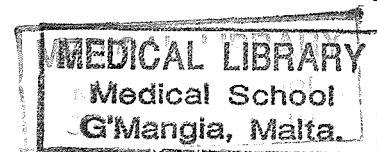
Subjects	A	B	C	D	E	F	Abs	Total
Accounting	83	99	97	54	23	45	9	410
Males	35	49	36	19	12	26	5	182
Females	48	50	61	35	11	19	4	228
Applied Mathematics	1	2	0	2	0	4	2	11
Males	1	2	0	1	0	2	2	8
Females	0	0	0	1	0	2	0	3
Art	0	3	22	10	4	5	0	44
Males	0	2	4	2	1	2	0	11
Females	0	1	18	8	3	3	0	33
Biology	36	75	80	55	55	31	7	339
Males	20	38	36	16	11	10	2	133
Females	16	37	44	39	44	21	5	206
Chemistry	13	32	73	23	44	81	8	274
Males	10	17	43	10	19	24	1	124
Females	3	15	30	13	25	57	7	150
Computing	11	28	23	37	9	11	2	121
Males	10	18	18	28	7	9	2	92
Females	1	10	5	9	2	2	0	29
Economics	8	43	89	77	16	25	9	267
Males	5	22	42	33	8	9	4	123
Females	3	21	47	44	8	16	5	144
Engineering Drawing	0	0	1	2	1	0	0	4
Males	0	0	1	2	1	0	0	4
Females	0	0	0	0	0	0	0	0
English	17	47	119	113	43	31	10	380
Males	2	12	30	32	9	9	4	98
Females	15	35	89	81	34	22	6	282
French	5	15	30	22	3	0	1	76
Males	1	3	4	6	1	0	0	15
Females	4	12	26	16	2	0	1	61
Geography	3	9	11	7	7	0	0	37
Males	2	3	3	1	1	0	0	10
Females	1	6	8	6	6	0	0	27
German	4	3	3	4	0	2	0	16
Males	1	0	0	0	0	0	0	1
Females	3	3	3	4	0	2	0	15
Graphical Communication	3	6	3	1	0	0	0	13
Males	3	5	1	1	0	0	0	10
Females	0	1	2	0	0	0	0	3

**Table 3.1: May Results by Subject and Gender:
Matriculation Certificate (Advanced Level) (page 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
History	2	14	26	3	2	4	2	53
Males	2	6	15	0	2	1	1	27
Females	0	8	11	3	0	3	1	26
Home Economics	8	15	19	9	2	5	1	59
Males	0	1	0	0	0	0	0	1
Females	8	14	19	9	2	5	1	58
Information Technology	4	9	14	11	6	2	0	46
Males	2	6	10	7	4	2	0	31
Females	2	3	4	4	2	0	0	15
Italian	1	19	87	16	13	16	4	156
Males	0	4	22	8	2	7	2	45
Females	1	15	65	8	11	9	2	111
Maltese	4	39	117	114	35	8	7	324
Males	1	16	27	36	19	5	3	107
Females	3	23	90	78	16	3	4	217
Marketing	7	21	85	72	21	7	11	224
Males	1	7	23	30	10	1	4	76
Females	6	14	62	42	11	6	7	148
Music	0	7	3	0	0	1	1	12
Males	0	1	2	0	0	0	1	4
Females	0	6	1	0	0	1	0	8
Philosophy	0	2	15	19	1	8	3	48
Males	0	0	5	4	0	3	2	14
Females	0	2	10	15	1	5	1	34
Physics	39	68	77	64	33	46	6	333
Males	23	42	49	44	22	33	6	219
Females	16	26	28	20	11	13	0	114
Pure Mathematics	42	51	75	49	55	156	9	437
Males	24	23	48	34	32	106	9	276
Females	18	28	27	15	23	50	0	161
Religious Knowledge	7	21	25	9	4	2	4	72
Males	4	12	14	2	1	2	2	37
Females	3	9	11	7	3	0	2	35
Sociology	10	35	51	37	24	20	5	182
Males	2	5	12	6	3	5	2	35
Females	8	30	39	31	21	15	3	147
Spanish	1	5	10	5	2	1	0	24
Males	0	1	0	0	0	0	0	1
Females	1	4	10	5	2	1	0	23

**Table 3.2: May Results by Subject and Gender:
Matriculation Certificate (Intermediate Level) (page 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	15	17	32	24	2	22	7	119
Males	7	11	19	12	0	11	4	64
Females	8	6	13	12	2	11	3	55
Applied Mathematics	12	15	20	14	5	20	2	88
Males	8	10	11	10	3	13	1	56
Females	4	5	9	4	2	7	1	32
Arabic	1	0	0	0	0	0	0	1
Males	0	0	0	0	0	0	0	0
Females	1	0	0	0	0	0	0	1
Art	1	4	16	15	7	3	1	47
Males	0	0	3	7	5	2	0	17
Females	1	4	13	8	2	1	1	30
Biology	12	12	31	20	14	20	4	113
Males	1	3	7	4	1	3	1	20
Females	11	9	24	16	13	17	3	93
Chemistry	1	3	3	5	2	4	0	18
Males	1	3	2	2	1	2	0	11
Females	0	0	1	3	1	2	0	7
Computing	8	45	60	30	5	2	9	159
Males	5	37	40	15	3	1	8	109
Females	3	8	20	15	2	1	1	50
Economics	7	17	20	26	14	14	7	105
Males	4	6	10	13	6	5	3	47
Females	3	11	10	13	8	9	4	58
Engineering/Graphical	7	9	7	16	14	29	4	86
Males	2	6	6	13	10	20	4	61
Females	5	3	1	3	4	9	0	25
English	89	235	317	107	26	30	23	827
Males	32	95	143	55	13	20	11	369
Females	57	140	174	52	13	10	12	458
Environmental Science	30	59	165	85	90	53	16	498
Males	11	23	56	25	24	18	5	162
Females	19	36	109	60	66	35	11	336
French	12	28	36	34	35	22	5	172
Males	1	8	13	10	11	6	1	50
Females	11	20	23	24	24	16	4	122
Geography	2	8	19	18	13	5	0	65
Males	1	2	9	13	5	3	0	33
Females	1	6	10	5	8	2	0	32



**Table 3.2: May Results by Subject and Gender:
Matriculation Certificate (Intermediate Level) (page 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Greek	0	0	0	0	0	0	1	1
Males	0	0	0	0	0	0	1	1
Females	0	0	0	0	0	0	0	0
History	4	15	17	4	3	2	1	46
Males	2	7	8	1	1	0	1	20
Females	2	8	9	3	2	2	0	26
Information Technology	49	81	104	50	13	21	0	318
Males	17	31	39	25	7	7	0	126
Females	32	50	65	25	6	14	0	192
Italian	16	61	236	54	48	48	13	476
Males	4	30	118	25	27	21	10	235
Females	12	31	118	29	21	27	3	241
Maltese	20	75	156	78	76	46	11	462
Males	4	19	51	26	43	30	8	181
Females	16	56	105	52	33	16	3	281
Marketing	9	24	42	24	21	22	7	149
Males	2	9	17	11	14	13	4	70
Females	7	15	25	13	7	9	3	79
Music	0	4	1	1	0	0	1	7
Males	0	0	0	0	0	0	0	0
Females	0	4	1	1	0	0	1	7
Philosophy	38	51	152	112	24	127	21	525
Males	19	14	52	41	8	59	8	201
Females	19	37	100	71	16	68	13	324
Physics	36	68	81	55	57	58	10	365
Males	19	38	44	27	25	21	5	179
Females	17	30	37	28	32	37	5	186
Pure Mathematics	29	89	109	57	39	189	24	536
Males	14	33	41	21	11	84	14	218
Females	15	56	68	36	28	105	10	318
Religious Knowledge	37	57	90	114	54	59	13	424
Males	20	27	39	50	28	28	7	199
Females	17	30	51	64	26	31	6	225
Sociology	15	47	64	79	62	56	13	336
Males	3	12	17	24	16	21	4	97
Females	12	35	47	55	46	35	9	239
Systems of Knowledge	96	540	1016	67	0	235	27	1981
Males	37	201	411	35	0	143	15	842
Females	59	339	605	32	0	92	12	1139

**Table 3.3: May Results by Subject and Gender:
Single Subjects (Advanced Level) (page 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	11	32	76	65	34	110	55	383
Males	3	15	20	27	14	40	24	143
Females	8	17	56	38	20	70	31	240
Applied Mathematics	0	0	0	0	0	0	2	2
Males	0	0	0	0	0	0	2	2
Females	0	0	0	0	0	0	0	0
Art	0	2	16	4	11	16	5	54
Males	0	1	6	2	4	6	2	21
Females	0	1	10	2	7	10	3	33
Biology	1	0	2	1	3	7	9	23
Males	0	0	0	1	2	3	3	9
Females	1	0	2	0	1	4	6	14
Chemistry	0	0	1	1	1	4	3	10
Males	0	0	1	0	1	2	2	6
Females	0	0	0	1	0	2	1	4
Computing	0	15	19	18	5	25	13	95
Males	0	13	11	14	4	22	10	74
Females	0	2	8	4	1	3	3	21
Economics	0	7	30	22	12	16	32	119
Males	0	4	15	9	5	10	13	56
Females	0	3	15	13	7	6	19	63
Engineering Drawing	0	2	1	2	4	6	0	15
Males	0	2	1	2	4	5	0	14
Females	0	0	0	0	0	1	0	1
English	1	16	36	48	27	55	55	238
Males	0	2	3	12	5	19	22	63
Females	1	14	33	36	22	36	33	175
French	0	0	1	5	7	1	4	18
Males	0	0	0	1	0	0	2	3
Females	0	0	1	4	7	1	2	15
Geography	0	0	0	1	1	1	0	3
Males	0	0	0	0	0	1	0	1
Females	0	0	0	1	1	0	0	2
German	0	1	0	0	1	0	0	2
Males	0	1	0	0	0	0	0	1
Females	0	0	0	0	1	0	0	1
Graphical Communication	0	2	2	1	0	1	5	11
Males	0	2	1	1	0	1	4	9
Females	0	0	1	0	0	0	1	2
History	2	1	9	1	2	2	7	24
Males	1	1	7	1	2	2	2	16
Females	1	0	2	0	0	0	5	8

**Table 3.3: May Results by Subject and Gender:
Single Subjects (Advanced Level) (page 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Home Economics	0	0	0	3	3	4	1	11
Males	0	0	0	0	0	0	0	0
Females	0	0	0	3	3	4	1	11
Information Technology	0	0	0	2	1	4	2	9
Males	0	0	0	2	1	4	2	9
Females	0	0	0	0	0	0	0	0
Italian	1	6	37	16	20	49	34	163
Males	0	1	14	7	4	20	12	58
Females	1	5	23	9	16	29	22	105
Maltese	3	13	25	50	27	6	22	146
Males	0	1	5	20	8	5	6	45
Females	3	12	20	30	19	1	16	101
Marketing	3	20	48	52	32	47	49	251
Males	2	10	17	27	20	18	23	117
Females	1	10	31	25	12	29	26	134
Music	0	0	1	0	0	0	0	1
Males	0	0	0	0	0	0	0	0
Females	0	0	1	0	0	0	0	1
Philosophy	0	2	7	3	0	9	8	29
Males	0	1	5	2	0	2	2	12
Females	0	1	2	1	0	7	6	17
Physics	2	2	12	5	1	19	17	58
Males	1	2	9	4	1	17	13	47
Females	1	0	3	1	0	2	4	11
Pure Mathematics	0	2	5	7	9	38	26	87
Males	0	0	3	4	7	28	22	64
Females	0	2	2	3	2	10	4	23
Religious Knowledge	9	17	18	11	6	16	17	94
Males	6	8	8	7	4	6	6	45
Females	3	9	10	4	2	10	11	49
Russian	1	2	0	0	0	0	0	3
Males	0	0	0	0	0	0	0	0
Females	1	2	0	0	0	0	0	3
Sociology	2	8	4	6	12	19	20	71
Males	1	1	2	1	4	6	8	23
Females	1	7	2	5	8	13	12	48
Spanish	6	2	4	2	1	1	1	17
Males	0	1	1	1	1	1	0	5
Females	6	1	3	1	0	0	1	12
Systems of Knowledge	0	1	2	1	0	2	1	7
Males	0	0	2	1	0	2	1	6
Females	0	1	0	0	0	0	0	1

Table 3.4 presents information on the outcome of the requests made for a revision of papers of the different Advanced and Intermediate levels subjects after the May 2001 results were issued.

Table 3.4: Outcomes of Revision of Papers (May 2001)

Subject	Advanced Level				Intermediate Level			
	Reg.	Requests	%	Upgraded	Reg.	Requests	%	Upgraded
Accounting	793	8	1.0	0	119	0	0.0	0
Applied Mathematics	13	1	7.7	0	88	1	1.1	0
Arabic	0	0	0.0	0	1	0	0.0	0
Art	98	4	4.1	0	47	3	6.4	1
Biology	362	35	9.7	3	113	1	0.9	0
Chemistry	284	56	19.7	1	18	1	5.6	0
Computing	216	6	2.8	2	159	1	0.6	0
Economics	386	17	4.4	3	105	3	2.9	1
Engineering Drawing	19	1	5.3	0	0	0	0.0	2
Engineering/Graphical	0	0	0.0	0	86	3	3.5	0
English	618	37	6.0	0	827	18	2.2	0
Environmental Science	0	0	0.0	0	498	9	1.8	2
French	94	4	4.3	0	172	6	3.5	0
Geography	40	1	2.5	0	65	2	3.1	0
German	18	1	5.6	0	0	0	0.0	0
Graphical Comm.	24	0	0.0	0	0	0	0.0	0
Greek	0	0	0.0	0	1	0	0.0	0
History	77	1	1.3	0	46	1	2.2	0
Home Economics	70	6	8.6	3	0	0	0.0	0
Information Tech.	55	0	0.0	0	318	1	0.3	0
Italian	319	13	4.1	0	476	11	2.3	0
Maltese	470	40	8.5	2	462	12	2.6	1
Marketing	475	12	2.5	0	149	3	2.0	0
Music	13	0	0.0	0	7	0	0.0	0
Philosophy	77	6	7.8	0	525	40	7.6	0
Physics	391	23	5.8	0	365	19	5.2	1
Pure Mathematics	524	33	6.3	0	536	12	2.2	0
Religious Knowledge	166	0	0.0	0	424	18	4.2	0
Russian	3	0	0.0	0	0	0	0.0	0
Sociology	253	11	4.3	0	336	17	5.1	2
Spanish	41	0	0.0	0	0	0	0.0	0
Systems of Knowledge	0	0	0.0	0	1988	21	1.1	2
Total	5899	316	5.4	14	7931	203	2.6	12

* At Advanced level, the number of registrations and requests for revision of papers for the Matriculation Certificate and Single Subjects are added together.

Table 3.4 shows that in May 2001, at Advanced level, only 14 out of the 316 requests for a revision of papers, had their grade revised. This means that 4.4% of the requests resulted in a different grade. At Intermediate level, only 12 out of the 203 requests had their grade revised. At this level, 5.9% of the requests resulted in a different grade.

The following set of tables present data related to the overall Matriculation Certificate grades awarded after the main examination session in May 2001. The information in Tables 3.5 and 3.6 includes all the 2001 candidates whereas Tables 3.7 focuses on the 1983 cohort, that is, those candidates who turned eighteen in 2001. Table 3.8 focuses on the Narrowly failed candidates from 2000.

**Table 3.5: Matriculation Certificate
Distribution of Grades (May 2001)**

Grade	Males	Females	Total
A	95	123	218
B	136	215	351
C	178	304	482
Passes	409	642	1051
Fail	433	497	930
Total	842	1139	1981

**Table 3.6: Failed / Missing Component/s
in Matriculation Certificate (May 2001)**

Missing Component/s	Males	Females	Total
Group 1 only	16	16	32
Group 2 only	47	50	92
Group 3 only	88	143	231
Systems of Knowledge	49	33	82
Total: One Component	200	242	442
More than One Component	233	255	488
Total: Missing Components	433	497	930

The data in Table 3.5 shows that 53.1% of the May 2001 candidates were awarded a pass in the Matriculation Certificate after the main examination session. Overall, 11% of the candidates obtained a Grade A, 17.7% obtained a Grade B and 24.3% were awarded a Grade C. Chi-square tests show that females obtained significantly better grades than males ($\chi^2=14.52$, $df=3$, $p<0.01$).

Table 3.6 shows that of the 930 candidates who failed in May (46.9% of all candidates), there were comparable numbers who had one or more components missing (47.5% and 52.5% respectively). Of those who had one missing component, the largest number had Group 3 missing. This group included the science subjects.

Figures 9 and 10 show the distributions of the grade points obtained in the Matriculation Certificate examinations of May 2001 by all the candidates and by the subgroups of males and females separately. These figures show an overall normal distribution of grade points. However, there is an unexpectedly high number of candidates who obtained eight points or less.

Figure 9: Distribution of Grade Points: May 2001

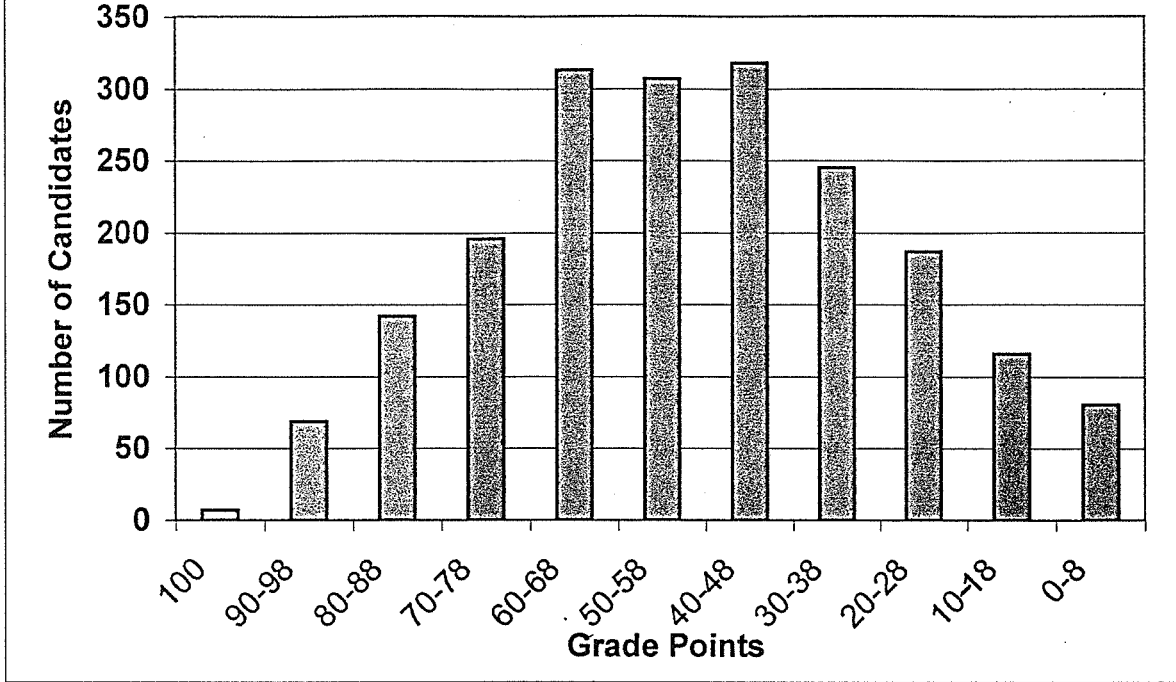
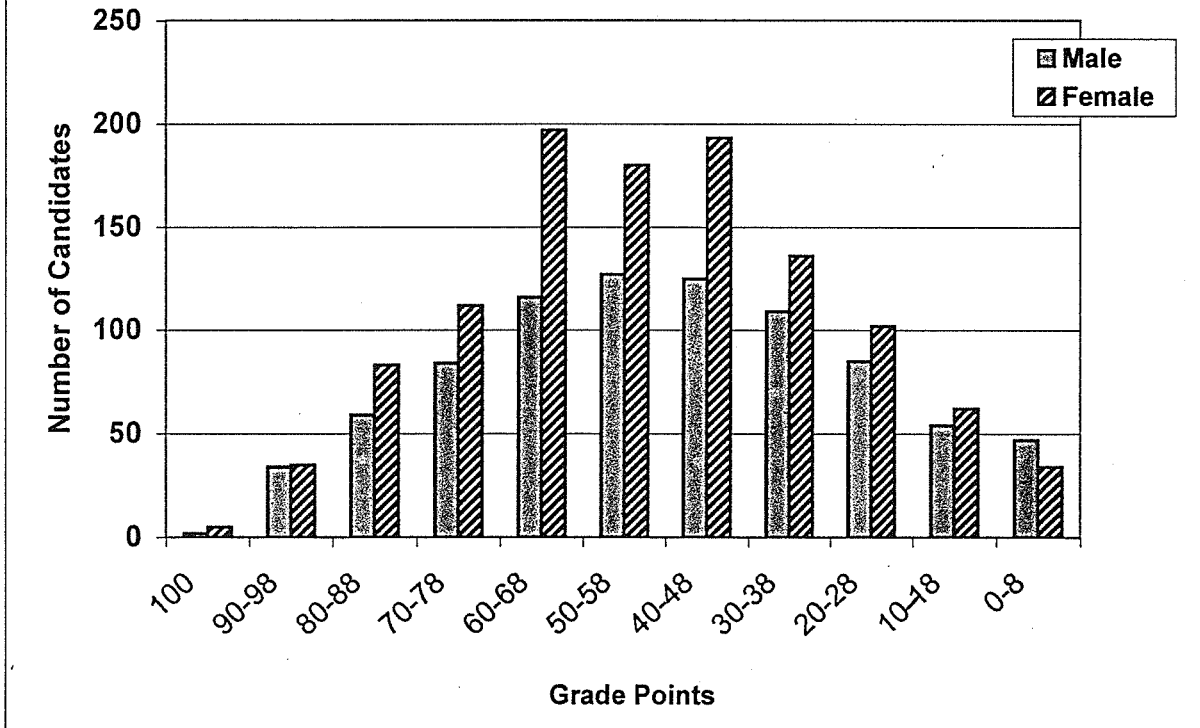


Figure 10: Distribution of Grade points by Gender May 2001



**Table 3.7: Matriculation Certificate Distribution of Grades (May 2001)
1983 Cohort**

Grade	Males	Females	Total
A	88	117	205
B	118	192	310
C	131	257	388
Passes	337	566	903
Fail	266	330	596
Total	603	896	1499

The data in Table 3.8 shows that 60.2% of the candidates born in 1983 were awarded a pass in the Matriculation Certificate after the May 2001 examination session. Overall, 13.7% of these candidates obtained a Grade A, 20.7% obtained a Grade B and 25.9% were awarded a Grade C. Chi-square tests show that females obtained significantly better grades than males ($\chi^2=12.77$, $df=3$, $p<0.01$).

Table 3.8: May 2001 Results for 2000 Narrowly Failed Candidates

	Males	Females	Total
Narrowly Failed in 2000	43	46	89
May 2001 Results			
Grade A	0	0	0
Grade B	3	2	5
Grade C	29	25	54
Passed in May 2001	32	27	59
Still Narrowly Failed May 2001	11	19	30

Table 3.8 shows that there were 89 candidates who had been classified as Narrowly Failed in 2000 and then sat for the May 2001 session. Of these, 59 (that is, 66.3%) were awarded the Matriculation Certificate after the May 2001 session. As expected, most of these candidates obtained an overall Grade C.

SECTION 4.0: SEPTEMBER 2001 REGISTRATIONS

Table 4.1 below shows the numbers of candidates who applied for the Supplementary session in September 2001. The Matriculation Certificate grade they were awarded in the May session is also indicated.

Table 4.1: September Registrations by Certificate Grade obtained in May 2001

Grade in May	Registration in September		
	Males	Females	Total
A	2	1	3
B	18	29	47
C	89	158	247
Fail	324	395	719
Total	433	583	1016

In total, 51.3% of the candidates who sat for the Matriculation Certificate in May 2001 applied for the September session. In fact, 51.4% of the May male candidates and 51.2% of the May female candidates applied for the September session.

As expected, the majority of the candidates who applied for the supplementary session were the ones who failed in May. In fact, 70.8% of the September candidates had been classified as Failed in May. However it is worth pointing out that only 77.3% of the candidates who failed in May applied for the supplementary session in September. It is not surprising that a proportion of candidates who failed in May did not re-apply in September when one considers the candidates who gained very few grade points in May (see Figure 9 in previous page). There were also 34 candidates (20 males and 14 females) who obtained no grade points at all in the May session. It is worth pointing out again that candidates were limited to resitting one subject at Advanced level, one subject at Intermediate level and Systems of Knowledge.

It is interesting to note that 24.3% of the September candidates had already obtained an overall Grade C in May. A smaller number (4.6%) had obtained a Grade B in May and three candidates who applied for the September session had already obtained an overall Grade A in May 2001.

Thirty of the 115 Narrowly Failed Candidates of 2000 did not manage to improve their overall grade in the May 2001 session. Twenty-three of these (10 out of 11 males and 13 out of 19 females) applied for the September 2001 session.

Table 4.2 below provides information on the numbers of candidates, males and females, who applied for the Matriculation Certificate examinations at Advanced and Intermediate levels in the different subjects in the Supplementary session.

Table 4.2: Matriculation Certificate Registrations by Subject and Gender (September 2001)

Subjects	Advanced Level			Intermediate Level		
	Males	Females	Total	Males	Females	Total
Accounting	29	39	68	6	7	13
Applied Mathematics	3	2	5	7	5	12
Arabic	0	0	0	0	0	0
Art	5	8	13	1	3	4
Biology	17	42	59	2	24	26
Chemistry	35	58	93	2	1	3
Computing	11	5	16	4	0	4
Economics	14	14	28	4	7	11
Engineering Drawing	2	0	2	0	0	0
Engineering/Graphical	0	0	0	18	6	24
English	30	94	124	17	14	31
Environmental Science	-	-	-	11	35	46
French	2	8	10	4	8	12
Geography	2	5	7	4	5	9
German	0	4	4	-	-	-
Graphical Comm.	1	0	1	-	-	-
Greek	0	0	0	0	0	0
History	0	3	3	1	1	2
Home Economics	0	12	12	0	0	0
Information Technology	3	2	5	4	6	10
Italian	5	14	19	19	22	41
Maltese	22	31	53	22	21	43
Marketing	12	22	34	8	7	15
Music	0	0	0	0	1	1
Philosophy	5	6	11	44	51	95
Physics	27	10	37	16	33	49
Pure Mathematics	119	61	180	55	94	149
Religious Knowledge	1	3	4	33	37	70
Sociology	6	32	38	17	37	54
Spanish	0	5	5	-	-	-
Systems of Knowledge	-	-	-	84	57	141

In the September session, two of the three subjects with most candidates at Advanced level were Pure Mathematics (180) and English (124). These had been two of the most popular subjects in the May session. Chemistry also had a relatively high number of registrations for the September session (93). At Intermediate level as well, Pure Mathematics was the subject with the highest registrations in September 2001 (149 candidates). At this level, this subject had also been among the most popular in May 2001. In September, this was followed by Systems of Knowledge (141) and Philosophy (95). In this session, subjects with a relatively higher proportion of females included Advanced level Biology, Chemistry, English and Sociology. Males predominated in Advanced level Physics and Pure Mathematics. At Intermediate level, a higher proportion of females was observed in Biology, Environmental Science, Physics, Pure Mathematics and Sociology. Systems of Knowledge was the only subject at Intermediate level with relatively more male than female candidates.

Table 4.3 below provides information on the numbers of candidates, males and females, who applied to resit single subjects at Advanced Matriculation level in the Supplementary session.

**Table 4.3: Single Subjects Registrations by Subject and Gender
(September 2001)**

Subjects*	Advanced Level		
	Males	Females	Total
Accounting	28	41	69
Applied Mathematics	0	0	0
Art	1	7	8
Biology	1	1	2
Chemistry	1	2	3
Computing	11	1	12
Economics	8	11	19
Engineering Drawing	4	0	4
English	16	42	58
French	0	4	4
Geography	0	0	0
German	0	0	0
Graphical Comm.	1	0	1
History	1	1	2
Home Economics	0	5	5
Information Technology	3	0	3
Italian	5	14	19
Maltese	13	11	24
Marketing	18	20	38
Music	0	0	0
Philosophy	2	3	5
Physics	7	1	8
Pure Mathematics	14	9	23
Religious Knowledge	4	10	14
Russian	0	0	0
Sociology	0	10	10
Spanish	1	0	1
Systems of Knowledge	1	0	1

* Subjects with no registrations are not included in this table.

In the Supplementary session, the single subjects with the highest registrations were Accounting (69), English (58) and Marketing (38). All three subjects had been among the most popular single subjects in the May 2001 session. In this session, single subjects with a relatively higher proportion of females included Accounting, Art, English and Information Technology. At the same time, Computing, Physics and Pure Mathematics had a relatively higher proportion of male candidates.

Table 4.4 below shows the numbers of requests for a Revision of Paper made for the different subjects after the September 2001 results were issued.

Table 4.4: Registrations for Revision of Papers (September 2001)

Subject	Advanced Level*			Intermediate Level		
	Reg.	Requests	%	Reg.	Requests	%
Accounting	137	8	5.8	13	1	7.7
Applied Mathematics	5	1	20.0	12	1	8.3
Art	21	4	19.0	4	2	50.0
Biology	61	9	14.8	26	1	3.8
Chemistry	96	6	6.25	3	0	0.0
Computing	28	0	0.0	4	0	0.0
Economics	47	0	0.0	11	0	0.0
Engineering Drawing	6	1	16.7	-	-	-
Engineering/Graphical	0	0	0.0	24	0	0.0
English	182	23	12.6	31	1	3.2
Environmental Science	0	0	0.0	46	4	8.7
French	14	0	0.0	12	0	0.0
Geography	7	1	14.2	9	0	0.0
German	4	0	0.0	-	-	-
Graphical Comm.	2	0	0.0	-	-	-
History	3	1	33.3	2	0	0.0
Home Economics	17	2	11.8	-	-	-
Information Tech.	8	0	0.0	10	0	0.0
Italian	38	4	10.5	41	3	7.3
Maltese	77	7	9.1	43	1	2.3
Marketing	72	1	1.4	15	2	13.3
Music	0	0	0.0	1	0	0.0
Philosophy	16	3	18.8	95	5	5.3
Physics	45	7	15.6	49	3	6.1
Pure Mathematics	203	24	11.8	149	16	10.7
Religious Knowledge	18	0	0.0	70	3	4.3
Sociology	48	3	6.3	54	3	5.6
Spanish	6	0	0.0	-	-	-
Systems of Knowledge	0	0	0.0	142	6	4.2
Total	1161	105	9.0	866	53	6.1

* At Advanced level, the number of registrations and requests for revision of papers for the Matriculation Certificate and Single Subjects are added together.

Table 4.4 shows that the overall percentage of requests for a revision of papers was higher in September than in May for both levels. For Advanced level, the requests amounted to 5.4% of the registrations in May and to 9.0% of the registrations in September. At Intermediate level, the requests amounted to 2.6% of the registrations in May and to 6.1% of the registrations in September. In both sessions there were more requests for a Revision of Papers for Advanced level subjects. Data relating to the outcome of the requests made after the results of the Supplementary session were issued are presented in the following section.

SECTION 5.0: SEPTEMBER 2001 RESULTS

The following tables present the results of the Supplementary session which took place in September 2001. Table 5.1 and 5.2 present the results of the Advanced and Intermediate level subjects studied as part of the Matriculation Certificate by gender. Students taking the Matriculation Certificate examinations were restricted to resitting one subject at Advanced level, one subject at Intermediate level and Systems of Knowledge. In Table 5.3 the results of the resits of the Advanced level Single Subjects are given. The absence or low incidence of Grades A and B is apparent in the three tables.

**Table 5.1: September Results by Subject and Gender:
Matriculation Certificate (Advanced Level) (page 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	1	11	17	13	10	11	5	68
Males	0	4	7	5	6	6	1	29
Females	1	7	10	8	4	5	4	39
Applied Mathematics	0	0	0	2	0	3	0	5
Males	0	0	0	1	0	2	0	3
Females	0	0	0	1	0	1	0	2
Art	0	0	7	1	2	3	0	13
Males	0	0	3	1	1	0	0	5
Females	0	0	4	0	1	3	0	8
Biology	0	4	8	11	22	10	4	59
Males	0	1	5	4	3	2	2	17
Females	0	3	3	7	19	8	2	42
Chemistry	0	4	19	10	16	25	19	93
Males	0	2	9	7	4	8	5	35
Females	0	2	10	3	12	17	14	58
Computing	0	2	6	4	0	0	4	16
Males	0	2	3	3	0	0	3	11
Females	0	0	3	1	0	0	1	5
Economics	0	0	2	12	2	7	5	28
Males	0	0	0	9	1	3	1	14
Females	0	0	2	3	1	4	4	14
Engineering Drawing	0	0	0	1	0	1	0	2
Males	0	0	0	1	0	1	0	2
Females	0	0	0	0	0	0	0	0
English	0	0	21	35	19	34	15	124
Males	0	0	3	6	3	14	4	30
Females	0	0	18	29	16	20	11	94
French	0	0	3	2	2	2	1	10
Males	0	0	0	1	0	1	0	2
Females	0	0	3	1	2	1	1	8
Geography	0	0	3	2	1	0	1	7
Males	0	0	1	1	0	0	0	2
Females	0	0	2	1	1	0	1	5
German	0	0	1	1	0	1	1	4
Males	0	0	0	0	0	0	0	0
Females	0	0	1	1	0	1	1	4

**Table 5.1: September Results by Subject and Gender:
Matriculation Certificate (Advanced Level) (page 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Graphical Comm.	0	1	0	0	0	0	0	1
Males	0	1	0	0	0	0	0	1
Females	0	0	0	0	0	0	0	0
History	0	0	1	0	0	2	0	3
Males	0	0	0	0	0	0	0	0
Females	0	0	1	0	0	2	0	3
Home Economics	0	1	1	4	4	2	0	12
Males	0	0	0	0	0	0	0	0
Females	0	1	1	4	4	2	0	12
Information Technology	0	0	1	4	0	0	0	5
Males	0	0	1	2	0	0	0	3
Females	0	0	0	2	0	0	0	2
Italian	0	0	0	4	3	10	2	19
Males	0	0	0	1	0	3	1	5
Females	0	0	0	3	3	7	1	14
Maltese	0	2	11	14	16	4	6	53
Males	0	1	4	7	6	2	2	22
Females	0	1	7	7	10	2	4	31
Marketing	1	4	3	9	4	5	8	34
Males	0	0	1	6	0	3	2	12
Females	1	4	2	3	4	2	6	22
Music	0	0	0	0	0	0	0	0
Males	0	0	0	0	0	0	0	0
Females	0	0	0	0	0	0	0	0
Philosophy	0	1	0	1	3	5	1	11
Males	0	0	0	0	1	3	1	5
Females	0	1	0	1	2	2	0	6
Physics	0	1	1	9	4	20	2	37
Males	0	1	1	5	3	15	2	27
Females	0	0	0	4	1	5	0	10
Pure Mathematics	3	23	36	26	25	50	17	180
Males	3	17	20	17	17	36	9	119
Females	0	6	16	9	8	14	8	61
Religious Knowledge	0	0	1	0	1	1	1	4
Males	0	0	0	0	0	1	0	1
Females	0	0	1	0	1	0	1	3
Sociology	0	2	10	8	7	8	3	38
Males	0	1	1	1	0	2	1	6
Females	0	1	9	7	7	6	2	32
Spanish	0	0	1	0	4	0	0	5
Males	0	0	0	0	0	0	0	0
Females	0	0	1	0	4	0	0	5

**Table 5.2: September Results by Subject and Gender:
Matriculation Certificate (Intermediate Level) (page 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	2	3	2	2	2	0	2	13
Males	2	0	2	0	1	0	1	6
Females	0	3	0	2	1	0	1	7
Art	0	0	2	1	1	0	0	4
Males	0	0	1	0	0	0	0	1
Females	0	0	1	1	1	0	0	3
Biology	1	1	8	6	1	7	2	26
Males	0	0	0	1	0	0	1	2
Females	1	1	8	5	1	7	1	24
Chemistry	0	0	1	0	1	0	1	3
Males	0	0	1	0	0	0	1	2
Females	0	0	0	0	1	0	0	1
Computing	0	0	2	1	1	0	0	4
Males	0	0	2	1	1	0	0	4
Females	0	0	0	0	0	0	0	0
Economics	0	0	1	2	1	4	3	11
Males	0	0	0	0	0	2	2	4
Females	0	0	1	2	1	2	1	7
Engineering/Graphical	0	10	5	5	2	2	0	24
Males	0	8	3	4	2	1	0	18
Females	0	2	2	1	0	1	0	6
English	1	3	10	7	5	3	2	31
Males	1	2	3	4	3	3	1	17
Females	0	1	7	3	2	0	1	14
Environmental Science	0	0	6	9	17	11	3	46
Males	0	0	0	4	4	1	2	11
Females	0	0	6	5	13	10	1	35
French	0	1	3	2	2	4	0	12
Males	0	1	0	0	1	2	0	4
Females	0	0	3	2	1	2	0	8
Geography	0	2	4	1	1	0	1	9
Males	0	0	3	0	0	0	1	4
Females	0	2	1	1	1	0	0	5
History	0	0	0	1	0	1	0	2
Males	0	0	0	0	0	1	0	1
Females	0	0	0	1	0	0	0	1

**Table 5.2: September Results by Subject and Gender:
Matriculation Certificate (Intermediate Level) (page 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Information Technology	0	0	2	3	0	5	0	10
Males	0	0	0	1	0	3	0	4
Females	0	0	2	2	0	2	0	6
Italian	0	0	2	5	7	21	6	41
Males	0	0	0	3	6	8	2	19
Females	0	0	2	2	1	13	4	22
Maltese	0	0	4	15	17	7	0	43
Males	0	0	2	5	12	3	0	22
Females	0	0	2	10	5	4	0	21
Marketing	2	1	0	1	2	5	4	15
Males	1	1	0	0	0	3	3	8
Females	1	0	0	1	2	2	1	7
Music	0	0	0	0	1	0	0	1
Males	0	0	0	0	0	0	0	0
Females	0	0	0	0	1	0	0	1
Philosophy	3	8	24	12	7	35	6	95
Males	0	5	13	2	2	20	2	44
Females	3	3	11	10	5	15	4	51
Physics	1	2	6	6	15	17	2	49
Males	0	0	2	2	5	6	1	16
Females	1	2	4	4	10	11	1	33
Pure Mathematics	1	7	31	21	10	67	12	149
Males	0	2	6	5	5	32	5	55
Females	1	5	25	16	5	35	7	94
Religious Knowledge	2	12	14	21	8	6	7	70
Males	1	8	3	7	6	5	3	33
Females	1	4	11	14	2	1	4	37
Sociology	2	6	3	10	16	12	5	54
Males	0	3	1	1	4	5	3	17
Females	2	3	2	9	12	7	2	37
Systems of Knowledge	0	8	76	22	0	21	14	141
Males	0	5	45	17	0	12	5	84
Females	0	3	31	5	0	9	9	57

**Table 5.3: September Results by Subject and Gender:
Single Subjects (Advanced Level) (page 1 of 2)**

Subjects*	A	B	C	D	E	F	Abs	Total
Accounting	1	4	10	8	6	21	19	69
Males	1	1	3	3	4	9	7	28
Females	0	3	7	5	2	12	12	41
Art	0	0	4	0	1	3	0	8
Males	0	0	1	0	0	0	0	1
Females	0	0	3	0	1	3	0	7
Biology	0	0	0	1	0	1	0	2
Males	0	0	0	0	0	1	0	1
Females	0	0	0	1	0	0	0	1
Chemistry	0	1	0	0	0	0	2	3
Males	0	0	0	0	0	0	1	1
Females	0	1	0	0	0	0	1	2
Computing	0	2	3	2	1	2	2	12
Males	0	2	3	2	0	2	2	11
Females	0	0	0	0	1	0	0	1
Economics	0	0	0	3	2	6	8	19
Males	0	0	0	1	0	3	4	8
Females	0	0	0	2	2	3	4	11
Engineering Drawing	0	1	1	0	0	2	0	4
Males	0	1	1	0	0	2	0	4
Females	0	0	0	0	0	0	0	0
English	0	2	5	5	9	18	19	58
Males	0	1	2	0	0	5	8	16
Females	0	1	3	5	9	13	11	42
French	0	0	3	0	0	1	0	4
Males	0	0	0	0	0	0	0	0
Females	0	0	3	0	0	1	0	4
Graphical Comm.	0	0	1	0	0	0	0	1
Males	0	0	1	0	0	0	0	1
Females	0	0	0	0	0	0	0	0
History	0	0	0	0	0	2	0	2
Males	0	0	0	0	0	1	0	1
Females	0	0	0	0	0	1	0	1
Home Economics	0	0	0	1	2	2	0	5
Males	0	0	0	0	0	0	0	0
Females	0	0	0	1	2	2	0	5

* Subjects with no registrations are not included in this table

**Table 5.3: September Results by Subject and Gender:
Single Subjects (Advanced Level) (page 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Information Technology	0	0	1	1	1	0	0	3
Males	0	0	1	1	1	0	0	3
Females	0	0	0	0	0	0	0	0
Italian	0	0	0	0	2	14	3	19
Males	0	0	0	0	0	5	0	5
Females	0	0	0	0	2	9	3	14
Maltese	0	2	4	5	0	2	11	24
Males	0	0	3	1	0	1	8	13
Females	0	2	1	4	0	1	3	11
Marketing	2	2	2	6	3	14	9	38
Males	1	2	1	2	0	8	4	18
Females	1	0	1	4	3	6	5	20
Philosophy	0	0	2	0	0	2	1	5
Males	0	0	2	0	0	0	0	2
Females	0	0	0	0	0	2	1	3
Physics	0	1	3	0	1	1	2	8
Males	0	1	3	0	1	1	1	7
Females	0	0	0	0	0	0	1	1
Pure Mathematics	0	3	2	2	4	9	3	23
Males	0	0	2	1	2	7	2	14
Females	0	3	0	1	2	2	1	9
Religious Knowledge	1	6	1	0	3	2	1	14
Males	0	2	0	0	1	1	0	4
Females	1	4	1	0	2	1	1	10
Sociology	0	1	0	1	1	2	5	10
Males	0	0	0	0	0	0	0	0
Females	0	1	0	1	1	2	5	10
Spanish	0	0	0	0	0	1	0	1
Males	0	0	0	0	0	1	0	1
Females	0	0	0	0	0	0	0	0
Systems of Knowledge	0	0	1	0	0	0	0	1
Males	0	0	1	0	0	0	0	1
Females	0	0	0	0	0	0	0	0

* Subjects with no registrations are not included in this table

Table 5.4 presents information on the outcome of requests made for a revision of papers at Advanced and Intermediate levels in the Supplementary session.

Table 5.4: Outcomes of Revision of Papers (September 2001)

Subject	Advanced Level*				Intermediate Level			
	Reg.	Requests	%	Upgraded	Reg.	Requests	%	Upgraded
Accounting	137	8	5.8	3	13	1	7.7	1
Applied Mathematics	5	1	20.0	0	12	1	8.3	0
Art	21	4	19.0	0	4	2	50.0	0
Biology	61	9	14.8	1	26	1	3.8	0
Chemistry	96	6	6.25	0	3	0	0.0	0
Computing	28	0	0.0	0	4	0	0.0	0
Economics	47	0	0.0	0	11	0	0.0	0
Engineering Drawing	6	1	16.7	0	-	-	-	-
Engineering/Graphical	0	0	0.0	0	24	0	0.0	0
English	182	23	12.6	0	31	1	3.2	0
Environmental Science	-	-	-	-	46	4	8.7	0
French	14	0	0.0	0	12	0	0.0	0
Geography	7	1	14.2	0	9	0	0.0	0
German	4	0	0.0	0	-	-	-	-
Graphical Comm.	2	0	0.0	0	-	-	-	-
History	3	1	33.3	0	2	0	0.0	0
Home Economics	17	2	11.8	0	-	-	-	-
Information Tech.	8	0	0.0	0	10	0	0.0	0
Italian	38	4	10.5	0	41	3	7.3	1
Maltese	77	7	9.1	0	43	1	2.3	0
Marketing	72	1	1.4	0	15	2	13.3	0
Music	0	0	0.0	0	1	0	0.0	0
Philosophy	16	3	18.8	0	95	5	5.3	0
Physics	45	7	15.6	0	49	3	6.1	0
Pure Mathematics	203	24	11.8	0	149	16	10.7	0
Religious Knowledge	18	0	0.0	0	70	3	4.3	0
Sociology	48	3	6.3	0	54	3	5.6	0
Spanish	6	0	0.0	0	-	-	-	-
Systems of Knowledge	0	0	0.0	0	142	6	4.2	0
Total	1161	105	9.0	4	866	53	6.1	2

* At Advanced level, the number of registrations and requests for revision of papers for the Matriculation Certificate and Single Subjects are added together.

Table 5.4 shows that at Advanced level, only 4 out of the 105 requests for a revision of papers had their grade revised. At Intermediate level, only 2 out of the 53 requests had their grade revised. At both levels, 3.8% of the requests resulted in a different grade.

The following set of tables present data related to the overall Matriculation Certificate grades awarded after the supplementary examination session in September 2001. The information in Tables 5.5 and 5.6 includes all the 2001 candidates whereas Tables 5.7 focuses on the 1983 cohort, that is, those candidates who turned eighteen in 2001. Table 5.8 focuses on the Narrowly failed candidates from 2000.

Table 5.5: Matriculation Certificate Distribution of Grades (September 2001)

	Males	Females	Total
A	8	4	12
B	51	63	114
C	159	259	418
Passed	218	326	544
Narrowly Failed	64	72	136
Fail	151	185	336
Total	433	583	1016

Table 5.6: Failed / Missing Component/s of Narrowly Failed Candidates in September 2001

Missing Component/s	Males	Females	Total
Group 1 only	6	4	10
Group 2 only	9	4	13
Group 3 only	24	30	54
Systems of Knowledge	5	5	10
Total: One Missing Component	44	43	87
*Others	20	29	49
Total: Missing Components	64	72	136

* Candidates who do not have missing components but only have 40-42 points.

The data in Table 5.5 shows that 53.5% of the candidates who sat for the Supplementary session managed to get a pass in the Matriculation Certificate. Overall, 11.8% of the candidates obtained a Grade A, 11.2% obtained a Grade B and 40.7% were awarded a Grade C. Chi-square tests show that males and females performed at par in this session ($\chi^2=8.47$, $df=4$, $p>0.05$).

Table 5.6 gives a detailed breakdown of the failed/missing components of the candidates who were classified as Narrowly Failed. Of those who had one missing component, the largest number had Group 3 missing. This group included the science subjects.

**Table 5.7: Matriculation Certificate Distribution of Grades (September 2001)
1983 Cohort**

	Males	Females	Total
A	7	4	11
B	43	58	101
C	110	198	308
Passed	160	260	420
Narrowly Failed	48	51	99
Fail	89	123	212
Total	297	434	731

The data in Table 5.8 shows that 57.5% of the candidates born in 1983 who took the Supplementary session were awarded a pass in the Matriculation Certificate after the September 2001 examination session. Overall, 1.5% of these candidates obtained a Grade A, 13.8% obtained a Grade B and 42.1% were awarded a Grade C. Chi-square tests showed that there were no significant differences between the performance of males and females ($\chi^2=8.35$, $df=4$, $p>0.05$).

Table 5.8: September 2001 Results for 2000 Narrowly Failed Candidates

	Males	Females	Total
Narrowly Failed in 2000	43	46	89
Passed in May 2001	32	27	59
Still Narrowly Failed May 2001	11	19	30
Applied in September 2001	10	13	23
September 2001 Results			
Grade A	0	0	0
Grade B	1	0	1
Grade C	3	5	8
Passes in September 2001	4	5	9
Not awarded Certificate in 2001	6	8	14

Table 5.8 shows that there were 30 candidates who had been classified as Narrowly Failed in 2000 and remained so after the May 2001 session. Twenty-three of these applied for the Supplementary session and 9 of them were awarded the Matriculation Certificate after this session. There were another 14 candidates who were not awarded the Matriculation Certificate after this fourth and final attempt.

The analysis on the 1983 cohort shows that 72.3% of the candidates born in that year (1,084 out of 1,499) obtained the Matriculation Certificate in 2001. This means that 19.2% of the infants born in 1983 (1,084 out of 5,651) obtained the obligatory entry requirements for University in 2001.

The following sets of tables (5.9 to 5.16 and 5.17 to 5.20) focus on 2001 results of the Matriculation Certificate and Single Subjects candidates respectively who sat for the Supplementary session. The analyses in these tables are carried out on an individual subject basis and the subjects are organised in their four groups. These tables indicate the grades originally obtained in May 2001 and the performance of the same candidates in the September session. The number and percentage of candidates who improved their grade by means of the Supplementary session is given for each subject. Please note that the category 'Upgraded' includes the candidates who were absent for particular subjects in the May session and later obtained Grades A to E in the September session.

Tables 5.9 to 5.16 show that in all the subjects offered as part of the Matriculation Certificate there were candidates who improved their grades in the Supplementary session at both the Advanced and Intermediate levels. The only exception was Spanish at Advanced level. At Advanced level, the highest percentages of upgrades (in subjects with more than ten candidates) were recorded in Art (76.9%), Pure Mathematics (60.5%), Sociology (55.3%) and Accounting (48.5%). At Intermediate level the highest percentages of upgrades (in subjects with more than ten candidates) were recorded in Engineering Drawing/Graphical Communication (91.7%), Religious Knowledge (67.1%), Accounting (69.2%), English (61.3%), Biology (57.7%) and Systems of Knowledge (57.4%).

Tables 5.17 to 5.20 show that the numbers of candidates who sat for single subjects at Advanced level in the Supplementary session varied considerably but in general the numbers were relatively small. In subjects with more than ten candidates, the highest percentages of upgrades were recorded in Pure Mathematics (43.5%), Computing (41.7%) and Accounting (30.4%).

**Table 5.9: Review of Grades: May–Sept 2001 Matriculation Certificate
(Group One: Advanced Level)**

GROUP ONE		ADVANCED LEVEL					
ENGLISH (N=124) Upgraded 33 (26.6%)	May Grade	September Grades					
		B	F (1)				
	C	C (3)					
	D	C (13)	D (23)	E (8)	F (7)	Abs. (11)	
	E	C (3)	D (9)	E (8)	F (13)		
	F	C (2)	D (3)	E (3)	F (12)	Abs. (4)	
	Absent	F (1)					
FRENCH (N=10) Upgraded 3 (30%)	B	F (1)					
	D	C (3)	D (2)	E (2)	F (1)		
	Absent	Abs. (1)					
GERMAN (N=4) Upgraded 1 (25%)	C	C (1)					
	D	Abs. (1)					
	F	D (1)	F (1)				
ITALIAN (N=19) Upgraded 2 (10.5%)	C	D (1)	Abs. (1)				
	D	D (2)	F (1)	Abs. (1)			
	E	E (2)	F (4)				
	F	D (1)	E (1)	F (5)			
MALTESE (N=53) Upgraded 17 (32.1%)	C	Abs (2)					
	D	B (2)	C (11)	D (10)	E (11)	F (1)	Abs. (2)
	E	D (4)	E (5)	F (2)	Abs. (2)		
	F	F (1)					
SPANISH (N=5) Upgraded 0 (0.0%)	C	C (1)	E (1)				
	D	E (3)					

**Table 5.10: Review of Grades: May–Sept 2001 Matriculation Certificate
(Group One: Intermediate Level)**

GROUP ONE		INTERMEDIATE LEVEL					
ENGLISH (N=31) Upgraded 19 (61.3%)	May Grade	September Grades					
		D	A (1)	B (3)	C (5)	D (3)	E (2)
	E	C (1)	D (1)	E (2)	Abs. (1)		
	F	C (4)	D (3)	E (1)	F (3)		
FRENCH (N=12) Upgraded 8 (66.7%)	D	C (1)					
	E	F (1)					
	F	B (1)	C (2)	D (2)	E (2)	F (3)	
ITALIAN (N=41) Upgraded 8 (19.5%)	C	D (2)	Abs. (1)				
	D	F (4)	Abs. (2)				
	E	D (1)	E (3)	F (3)	Abs. (2)		
	F	C (2)	D (2)	E (3)	F (14)		
	Absent	F (1)					
MALTESE (N=43) Upgraded 24 (55.8%)	D	C (1)	D (6)	F (1)			
	E	D (5)	E (6)	F (2)			
	F	C (2)	D (5)	E (11)	F (3)		
	Absent	F (1)					

**Table 5.11: Review of Grades: May–Sept 2001 Matriculation Certificate
(Group Two: Advanced Level)**

GROUP TWO		ADVANCED LEVEL					
	May Grade	September Grades					
ACCOUNTING (N=68) Upgraded 33 (48.5%)	B	Abs. (1)					
	C	B (2)					
	D	A (1)	B (7)	C (4)	D (8)	E (2)	F (4)
		Abs. (2)					
	E	Abs. (2)					
	F	C (7)	D (2)	E (5)	F (5)		
Absent	C (2)	D (2)	E (1)				
ECONOMICS (N=28) Upgraded 7 (25.0%)	C	D (1)					
	D	C (1)	D (6)	E (2)	F (2)	Abs. (2)	
	E	D (4)	F (1)	Abs. (1)			
	F	D (1)	F (3)	Abs. (1)			
	Absent	C (1)	F (1)	Abs. (1)			
GEOGRAPHY (N=7) Upgraded 3 (42.9%)	C	C (1)					
	D	C (2)	D (1)				
	E	D (1)	E (1)	Abs. (1)			
HISTORY (N=3) Upgraded 1 (33.3%)	D	C (1)					
	F	F (1)					
	Absent	F (1)					
MARKETING (N=34) Upgraded 11 (32.4%)	D	B (3)	C (3)	D (7)	E (1)	F (2)	Abs. (6)
	E	B (1)	D (2)	E (2)	F (2)		
	F	E (1)	F (1)	Abs. (1)			
	Absent	A (1)	Abs. (1)				
PHILOSOPHY (N=11) Upgraded 3 (27.3%)	C	F (1)					
	D	B (1)	D (1)	F (2)			
	E	E (1)					
	F	E (2)	F (2)				
	Absent	Abs. (1)					
RELIGIOUS KNOW. (N=4)Upgraded 1 (25%)	D	F (1)					
	E	C (1)	E (1)	Abs. (1)			
SOCIOLOGY (N=38) Upgraded 21 (55.3%)	D	B (1)	C (5)	D (2)	E (3)	F (2)	Abs. (1)
	E	B (1)	C (3)	D (3)	E (1)	F (2)	Abs. (2)
	F	C (2)	D (3)	E (3)	F (4)		

**Table 5.12: Review of Grades: May–Sept 2001 Matriculation Certificate
(Group Two: Intermediate Level)**

GROUP TWO		INTERMEDIATE					
May Grade		September Grades					
ACCOUNTING (N=13) Upgraded 9 (69.2%)	D	A (1)	B (1)	D (1)			
	F	A (1)	B (2)	C (2)	D (1)	E (1)	F (1)
		Abs. (2)					
ECONOMICS (N=11) Upgraded 3 (27.2%)	D	C (1)	Abs. (3)				
	E	D (1)	E (1)	F (1)			
	F	D (1)	F (3)				
GEOGRAPHY (N=9) Upgraded 7 (77.7%)	C	Abs. (1)					
	D	B (1)	C (2)				
	E	B (1)	C (2)	D (1)			
	F	E (1)					
HISTORY (N=2) Upgraded 1 (50.0%)	D	F (1)					
	F	D (1)					
MARKETING (N=15) Upgraded 6 (40.0%)	C	Abs. (1)					
	D	A (1)	Abs.(2)				
	E	B (1)	D (1)	F (1)			
	F	E (2)	F (4)	Abs.(1)			
	Absent	A (1)					
PHILOSOPHY (N=95) Upgraded 50 (52.6%)	C	C (1)	Abs (1)				
	D	A (2)	B (1)	C (8)	D (3)	Abs. (2)	
	E	B (1)	C (2)	D (3)			
	F	A (1)	B (6)	C (13)	D (6)	E (7)	F (33)
		Abs. (33)					
Absent	F (2)						
RELIGIOUS KNOWLEDGE (N=70) Upgraded 47 (67.1%)	C	A (1)	B (1)	C (1)	D (1)		
	D	B (6)	C (5)	D (4)	E (2)	F (2)	Abs. (3)
	E	A (1)	B (1)	C (2)	D (5)	E (2)	Abs. (1)
	F	B (4)	C (6)	D (11)	E (4)	F (4)	Abs. (2)
	Absent	Abs. (1)					
SOCIOLOGY (N=54) Upgraded 30 (55.6%)	D	B (1)	C (1)	D (2)	E (2)	Abs. (3)	
	E	B (3)	D (2)	E (3)	F (3)	Abs. (1)	
	F	B (2)	C (2)	D (5)	E (11)	F (9)	Abs. (1)
	Absent	A (2)	D (1)				

**Table 5.13: Review of Grades: May–Sept 2001 Matriculation Certificate
(Group Three: Advanced Level)**

GROUP THREE		ADVANCED LEVEL					
APPLIED	May Grade	September Grades					
MATHEMATICS (N=5) Upgraded 1 (20.0%)	D	D (1)					
	F	D (1)	F (3)				
BIOLOGY (N=59) Upgraded 25 (42.4%)	C	B (4)	C (2)	Abs. (1)			
	D	C (4)	D (4)	E (5)	F (1)	Abs. (1)	
	E	C (1)	D (8)	E (9)	Abs. (1)		
	F	E (8)	F (9)	Abs. (1)			
CHEMISTRY (N=93) Upgraded 44 (47.3%)	C	B (1)	C (1)	D (1)	Abs. (5)		
	D	B (3)	C (4)	D (1)	E (1)	Abs. (4)	
	E	C (4)	D (2)	E (1)	F (3)	Abs. (6)	
	F	C (10)	D (6)	E (14)	F (22)	Abs. (4)	
PHYSICS (N=37) Upgraded 4 (10.8%)	D	B (1)	C (1)	D (8)	E (2)	F (5)	
	E	E (1)	F (2)	Abs. (1)			
	F	D (1)	E (1)	F (13)	Abs. (1)		
PURE MATHEMATICS (N=180) Upgraded 109 (60.5%)	C	A (1)	B (1)				
	D	A (2)	B (12)	C (9)	D (1)	E (2)	F (3)
		Abs. (9)					
	E	B (6)	C (16)	D (10)	E (2)	F (4)	Abs. (4)
	F	B (4)	C (11)	D (14)	E (22)	F (42)	Abs. (4)
	Absent	F (1)					

**Table 5.14: Review of Grades: May–Sept 2001 Matriculation Certificate
(Group Three: Intermediate Level)**

GROUP THREE		INTERMEDIATE LEVEL					
APPLIED	May Grade	September Grades					
MATHEMATICS (N=12) Upgraded 4 (33.3%)	C	C (1)					
	D	D (1)	E (1)				
	E	D (1)					
	F	D (1)	E (2)	F (5)			
BIOLOGY (N=26) Upgraded 15 (57.7%)	D	B (1)	C (3)	D (1)	E (1)	Abs. (1)	
	E	A (1)	C (3)	D (1)	F (1)		
	F	C (2)	D (4)	F (6)			
	Absent	Abs. (1)					
CHEMISTRY (N=3) Upgraded 2 (66.6%)	F	C (1)	E (1)	Abs. (1)			
ENVIRONMENTAL SCIENCE (N=46) Upgraded 19 (41.3%)	D	C (2)	D (4)	E (3)	F (1)		
	E	D (3)	E (6)	F (2)	Abs. (1)		
	F	C (3)	D (2)	E (8)	F (8)	Abs. (1)	
	Absent	C (1)	Abs. (1)				
PHYSICS (N=49) Upgraded 19 (38.8%)	D	B (1)	C (2)	D (3)	E (2)	F (2)	
	E	C (3)	D (1)	E (6)	F (3)	Abs. (1)	
	F	B (1)	D (2)	E (7)	F (12)	Abs. (1)	
	Absent	A (1)	C (1)				
PURE MATHEMATICS (N=149) Upgraded 67 (45.0%)	C	Abs. (1)					
	D	A (1)	B (1)	C (2)	D (1)	F (4)	Abs. (1)
	E	B (1)	C (2)	D (3)	E (1)	F (4)	Abs. (1)
	F	B (5)	C (27)	D (17)	E (8)	F (60)	
	Absent	Abs. (1)					

**Table 5.15: Review of Grades: May–Sept 2001 Matriculation Certificate
(Group Four: Advanced Level)**

GROUP FOUR		ADVANCED LEVEL				
ART (N=13) Upgraded 10 (76.9%)	May Grade					
		D	C (5)			
	E	C (2)	F (2)			
	F	D (1)	E (2)	F (1)		
COMPUTING (N=16) Upgraded 7 (43.8%)	D	B (2)	C (3)	D (3)	F (1)	Abs. (1)
	E	F (1)	Abs. (1)			
	F	C (1)	E (1)	Abs. (2)		
ENGINEER. DRAWING (N=2) Upgraded 0 (0.0%)	D	D (1)	F (1)			
GRAPHICAL COMM (N=1) Upgraded 1 (100.0%)	D	B (1)				
HOME ECONOMICS (N=12) Upgraded 2 (16.7%)	C	C (1)	F (1)			
	D	B (1)	D (3)	E (2)		
	E	D (1)	E (2)	F (1)		
INFORMATION TECHNOLOGY (N=5) Upgraded 3 (60.0%)	D	C (1)	D (2)			
	E	D (2)				

**Table 5.16: Review of Grades: May–Sept 2001 Matriculation Certificate
(Group Four: Intermediate Level)**

GROUP FOUR		INTERMEDIATE LEVEL				
ART (N=4) Upgraded 3 (75.0%)	May Grade	Grades in September				
		D	C (2)			
	E	D (1)	E (1)			
COMPUTING (N=4) Upgraded 2 (50.0%)	C	C (1)				
	D	C (1)				
	E	E (1)				
	Absent	D (1)				
ENGINEER. DRAWING / GRAPHICAL COMM. (N=24) Upgraded 22 (91.7%)	D	B (5)	C (1)			
	E	B (1)	D (2)			
	F	B (4)	C (3)	D (3)	E (2)	F (2)
	Absent	C (1)				
INFORMATION TECHNOLOGY (N=10) Upgraded 4 (40.0%)	C	D (1)				
	D	C (2)	F (1)			
	E	D (1)	F (1)			
	F	D (1)	F (3)			
MUSIC (N=1) Upgraded 1 (100.0%)	Abs.	E (1)				
SYSTEMS OF KNOWLEDGE (N=141) Upgraded 81 (57.4%)	B	B (1)				
	C	B (2)	C (17)	D (1)	F (2)	Abs. (4)
	D	C (3)	D (6)	F (1)	Abs. (2)	
	F	B (5)	C (55)	D (15)	F (18)	Abs. (6)
	Absent	C (1)	Abs. (1)			

**Table 5.17: Review of Grades: May–Sept 2001 Single Subjects
(Group One: Advanced Level)**

GROUP ONE		ADVANCED LEVEL					
ENGLISH (N=58) Upgraded 11 (19.0%)	May Grade	September Grades					
		C	C (1)				
	D	B (1)	C (2)	D (1)	E (5)	F (2)	Abs. (5)
	E	D (3)	E (3)	F (5)	Abs. (3)		
	F	D (1)	E (1)	F (10)	Abs. (7)		
	Absent	B (1)	C (2)	F (1)	Abs. (4)		
FRENCH (N=4) Upgraded 3 (75.0%)	D	C (2)	F (1)				
	E	C (1)					
ITALIAN (N=19) Upgraded 1 (5.26%)	D	E (1)	F (2)				
	E	F (1)					
	F	E (1)	F (10)	Abs. (2)			
	Absent	F (1)	Abs. (1)				
MALTESE (N=24) Upgraded 7 (29.2%)	D	B (2)	C (3)	D (4)	Abs. (7)		
	E	Abs. (2)					
	F	Abs. (1)					
	Absent	C (1)	D (1)	F (2)	Abs. (1)		
SPANISH (N=1) Upgraded 0 (0.0%)	D	F (1)					

**Table 5.18: Review of Grades: May–Sept 2001 Single Subjects
(Group Two: Advanced Level)**

GROUP TWO		ADVANCED LEVEL					
ACCOUNTING (N=69) Upgraded 21 (30.4%)	May Grade	September Grades					
		C	A (1)				
	D	B (1)	C (7)	D (4)	F (2)	Abs. (4)	
	E	B (2)	C (1)	D (2)	E (4)	F (2)	Abs. (4)
	F	B (1)	C (2)	D (2)	E (2)	F (16)	Abs. (12)
ECONOMICS(N=19) Upgraded 4 (21.1%)	D	D (1)	F (1)	Abs. (1)			
	E	D (1)	F (2)				
	F	E (2)	F (3)	Abs. (3)			
	Absent	D (1)	Abs. (4)				
HISTORY (N=2) Upgraded (0.0%)	F	F (1)					
	Absent	F (1)					
MARKETING (N=38) Upgraded 11 (29.0%)	D	C (1)	D (3)	F (1)	Abs. (4)		
	E	B (1)	C (1)	D (2)	E (1)	F (4)	
	F	D (1)	E (2)	F (9)	Abs. (1)		
	Absent	A (2)	B (1)	Abs. (4)			
PHILOSOPHY (N=5) Upgraded 1 (20.0%)	C	C (1)					
	F	C (1)	F (2)				
	Absent	Abs. (1)					
RELIGIOUS KNOW. (N=14) Upgraded 11 (78.6%)	D	B (2)	F (1)				
	E	B (1)					
	F	B (1)	E (3)	F (1)			
	Absent	A (1)	B (2)	C (1)	Abs. (1)		
SOCIOLOGY (N=10) Upgraded 2 (20.0%)	D	D (1)	Abs. (1)				
	E	Abs. (1)					
	F	E (1)	F (1)	Abs. (2)			
	Absent	B (1)	F (1)	Abs. (1)			

**Table 5.19: Review of Grades: May–Sept 2001 Single Subjects
(Group Three: Advanced Level)**

GROUP THREE		ADVANCED LEVEL					
	May Grade	September Grades					
BIOLOGY (N=2) Upgraded 0 (0.0%)	C	D (1)					
	F	F (1)					
CHEMISTRY (N=3) Upgraded 1 (33.3%)	D	B (1)					
	E	Abs. (1)					
	Absent	Abs. (1)					
PHYSICS (N=8) Upgraded 5 (62.5%)	D	C (2)					
	F	C (1)	E (1)	F (1)	Abs. (1)		
	Absent	B (1)	Abs. (1)				
PURE MATHEMATICS (N=23) Upgraded 10 (43.5%)	D	B (2)	F (1)				
	E	C (1)	D (1)	E (1)	F (1)	Abs. (1)	
	F	B (1)	C (1)	D (1)	E (3)	F (7)	Absent (2)

**Table 5.20: Review of Grades: May–Sept 2001 Single Subjects
(Group Four: Advanced Level)**

GROUP FOUR		ADVANCED LEVEL					
	May Grade						
ART (N=8) Upgraded 5 (62.5%)	D	C (1)					
	E	C (3)	F (1)				
	F	E (1)	F (2)				
COMPUTING (N=12) Upgraded 5 (41.7%)	C	B (1)	C (1)				
	D	B (1)	C (2)	D (1)	E (1)	Abs. (1)	
	E	F (1)					
	F	D (1)	F (1)	Abs. (1)			
ENGINEER. DRAWING (N=4) Upgraded 2 (50.0%)	D	B (1)					
	E	C (1)	F (1)				
	F	F (1)					
GRAPHICAL COMM (N=1) Upgraded 1 (100.0%)	D	C (1)					
HOME ECONOMICS (N=5) Upgraded 1 (20.0%)	D	D (1)	E (1)				
	E	F (1)					
	F	F (1)					
	Absent	E (1)					
INFORMATION TECHNOLOGY (N=3) Upgraded 3 (100.0%)	D	C (1)					
	F	E (1)					
	Absent	D (1)					
Systems of Knowledge (N= 1) Upgraded 1 (100.0%)	F	C (1)					

The following tables indicate the percentage passes in the different subjects in 2001. Table 5.21 presents the data for the Advanced level subjects. Data for the candidates taking the Matriculation Certificate and those sitting for particular subjects as single subjects are presented separately although the overall pass rate is also given for each subject. Table 5.22 presents the data for the Intermediate level subjects. For each subject, two pass rates are given: Grades A to E which indicate the overall passes and Grades A to C which indicate passes which are accepted for further study in the particular subject at the University of Malta. In each of the two categories (A-E and A-C), the May passes were added up and then the numbers of upgrades in the Supplementary session were added on. The data used for this analysis have been presented in Tables 3.1 to 3.3 and in Tables 5.9 to 5.20.

Table 5.21: Passes at Advanced Level Subjects in 2001 (page 1 of 2)

Subject	Reg.	Grades A-E		Grades A-C	
		N	%	N	%
Accounting	793	600	75.7	433	54.6
Matriculation Certificate	410	375	91.5	300	73.2
Single Subject	383	225	58.7	133	34.7
Applied Mathematics	13	6	46.2	3	23.1
Matriculation Certificate	11	6	54.5	3	27.3
Single Subject	2	0	0.0	0	0.0
Art	98	76	77.6	54	55.1
Matriculation Certificate	44	42	95.5	32	72.7
Single Subject	54	34	63.0	22	40.7
Biology	362	316	87.3	199	54.9
Matriculation Certificate	339	309	91.2	196	57.8
Single Subject	23	7	30.4	3	13.0
Chemistry	284	218	76.8	141	49.6
Matriculation Certificate	274	215	78.5	139	50.7
Single Subject	10	3	30.0	2	20.0
Computing	216	168	77.8	105	48.6
Matriculation Certificate	121	110	90.9	68	56.2
Single Subject	95	58	61.1	37	38.9
Economics	386	309	80.1	179	46.4
Matriculation Certificate	267	235	88.0	142	53.2
Single Subject	119	74	62.2	37	31.1
Engineering Drawing	19	13	68.4	6	31.6
Matriculation Certificate	4	4	100.0	1	25.0
Single Subject	15	9	60.0	5	33.3
English	618	470	76.1	256	41.4
Matriculation Certificate	380	347	91.3	197	51.8
Single Subject	238	123	51.7	59	24.8
French	94	88	93.6	57	60.6
Matriculation Certificate	76	75	98.7	53	69.7
Single Subject	18	13	72.2	4	22.2
Geography	40	39	97.5	25	62.5
Matriculation Certificate	37	37	100.0	25	67.6
Single Subject	3	2	66.7	0	0.0

Table 5.21: Passes at Advanced Level Subjects in 2001 (page 2 of 2)

Subject	Reg.	Grades A-E		Grades A-C	
		N	%	N	%
German	18	17	94.4	11	61.1
Matriculation Certificate	16	15	93.8	10	62.5
Single Subject	2	2	100.0	1	50.0
Graphical Comm.	24	18	75.0	18	75.0
Matriculation Certificate	13	13	100.0	13	100.0
Single Subject	11	5	45.5	5	45.5
History	77	62	80.5	55	71.4
Matriculation Certificate	53	47	88.7	43	81.1
Single Subject	24	15	62.5	12	50.0
Home Economics	70	60	85.7	43	61.4
Matriculation Certificate	59	53	89.8	43	72.9
Single Subject	11	7	63.3	0	0.0
Information Technology	55	49	89.1	29	57.7
Matriculation Certificate	46	44	95.7	28	60.9
Single Subject	9	5	55.5	1	11.1
Italian	319	219	68.7	151	47.3
Matriculation Certificate	156	138	88.5	107	68.6
Single Subject	163	81	49.7	44	26.9
Maltese	470	429	91.3	219	46.6
Matriculation Certificate	324	309	95.4	173	53.4
Single Subject	146	120	82.2	46	31.5
Marketing	475	369	77.7	197	41.5
Matriculation Certificate	224	208	92.9	120	53.6
Single Subject	251	161	64.1	77	30.7
Music	13	11	84.6	11	84.6
Matriculation Certificate	12	10	83.3	10	83.3
Single Subject	1	1	100.0	1	100.0
Philosophy	77	52	67.5	27	35.1
Matriculation Certificate	48	39	81.3	18	37.5
Single Subject	29	13	44.8	9	31.0
Physics	391	308	78.8	206	52.7
Matriculation Certificate	333	283	85.0	186	55.9
Single Subject	58	25	43.1	20	34.5
Pure Mathematics	524	359	68.5	240	45.8
Matriculation Certificate	437	323	73.9	228	52.2
Single Subject	87	36	41.4	12	13.8
Religious Knowledge	166	135	81.3	102	61.4
Matriculation Certificate	72	66	91.7	54	75.0
Single Subject	94	69	73.4	48	51.1
Sociology	253	198	78.2	123	48.6
Matriculation Certificate	182	165	90.7	108	59.3
Single Subject	71	33	46.5	15	21.1
Spanish	41	38	92.7	28	68.3
Matriculation Certificate	24	23	95.8	16	66.6
Single Subject	17	15	88.2	12	70.6

Table 5.22: Passes at Intermediate Level Subjects in 2001

Subject	Reg.	Grades A-E		Grades A-C	
		N	%	N	%
Accounting	119	97	81.5	71	59.7
Applied Mathematics	88	69	78.4	47	53.4
Art	47	43	91.4	23	48.9
Biology	113	95	84.1	65	57.5
Chemistry	18	14	77.8	7	38.9
Computing	159	149	93.7	113	71.1
Economics	105	85	81.0	45	42.9
Engineering/Graphical	86	66	76.7	37	43.1
English	827	782	94.6	659	79.7
Environmental Studies	498	443	88.9	260	52.2
French	172	122	70.9	80	46.5
Geography	65	61	93.8	35	53.8
History	46	43	93.4	26	56.5
Information Technology	318	298	93.7	235	73.8
Italian	476	422	88.7	315	66.2
Maltese	462	423	91.6	254	54.9
Marketing	149	122	81.9	83	55.7
Music	7	7	100.0	5	71.4
Philosophy	525	379	72.2	242	46.1
Physics	365	309	84.7	194	53.2
Pure Mathematics	536	380	70.9	266	49.6
Religious Knowledge	424	352	83.0	185	43.6
Sociology	336	275	81.8	138	41.1
Systems of Knowledge	1988	1796	90.3	1716	86.3

Table 5.21 shows that in Advanced level subjects, when overall passes (Grades A to E) are considered, the pass rate was:

- over 90% in five subjects (French, Geography, German, Maltese, Spanish).
- over 80% in seven subjects (Biology, Economics, History, Home Economics, Information Technology, Music, Religious Knowledge).
- over 70% in nine subjects (Accounting, Art, Chemistry, Computing, English, Graphical Communication, Marketing, Physics, Sociology).
- over 60% in four subjects (Engineering Drawing, Italian, Philosophy, Pure Mathematics).
- over 40% in one subject (Applied Mathematics).

When passes (Grades A to C) are considered, the pass rate for Advanced level subjects was:

- over 80% in one subject (Music).
- over 70% in two subjects (Graphical Communication and History).
- over 60% in six subjects (French, Geography, German, Home Economics, Religious Knowledge, Spanish).
- over 50% in five subjects (Accounting, Art, Biology, Information Technology, Physics).
- over 40% in nine subjects (Chemistry, Computing, Economics, English, Italian, Maltese, Marketing, Pure Mathematics, Sociology).
- over 30% in two subjects (Engineering Drawing, Philosophy).
- over 20% in one subject (Applied Mathematics).

Table 5.22 shows that in Intermediate level subjects, when overall passes (Grades A to E) are considered, the pass rate was:

- 100% in one subject (Music).
- over 90% in eight subjects (Art, Computing, English, Geography, History, Information Technology, Maltese, Systems of Knowledge).
- over 80% in nine subjects (Accounting, Biology, Economics, Environmental Science, Italian, Marketing, Physics, Religious Knowledge, Sociology).
- over 70% in six subjects (Applied Mathematics, Chemistry, Engineering Drawing / Graphical Communication, French, Philosophy, Pure Mathematics).

When passes (Grades A to C) are considered, the pass rate for Intermediate level subjects was:

- over 80% in one subject (Systems of Knowledge).
- over 70% in four subjects (Computing, English, Information Technology, Music).
- over 60% in one subject (Italian).
- over 50% in nine subjects (Accounting, Applied Mathematics, Biology, Environmental Science, Geography, History, Maltese, Marketing, Physics).
- over 40% in eight subjects (Art, Economics, Engineering Drawing/Graphical Communication, French, Philosophy, Pure Mathematics, Religious Knowledge, Sociology).
- over 30% in one subject (Chemistry)

SECTION 6.0: GENERAL STATISTICS

This section gives an overview of the general statistics of the Matriculation Certificate from 1997 to 2001. These data allow one to observe the trends that have been developing since this system of examinations was introduced in the Maltese Islands.

Table 6.1 shows the numbers of candidates that have qualified for the Matriculation Certificate during this five-year period, annually and by session.

Table 6.1: Candidates qualified for the Matriculation Certification 1997-2001

Year	Candidates	Qualified in May		Qualified in Sept		Total Qualified	
		N	%	N	%	N	%
1997	1309	775	59.2	197	15.0	972	74.3
1998	1630	787	48.3	255	15.6	1042	63.9
1999	1721	878	51.0	238	13.8	1116	64.8
2000	1862	950	51.0	275	14.8	1225	65.8
2001	1981	1043	52.7	247	12.5	1290	65.1

This table shows that the overall percentage pass rate was highest in the first year of operation. Around three fourths of the candidates passed in 1997. Since then, in the other four years, the pass rate has stabilised around 65%. However, the numbers of candidates has increased steadily over the years. It is worth noting that each year, around 15% of the candidates qualified for the Matriculation Certificate because of the Supplementary Session.

Table 6.2 below gives a breakdown of the statistics concerning the Supplementary session. This table shows how many candidates applied for the September session each year and how their performance in this session affected the overall grade of their certificate.

Table 6.2: Supplementary Sessions 1997-2001: Changes in Overall Grade

	Candidates	No Change in Grade		Upgraded		Upgraded / Qualified for Certificate		Upgraded / F → N	
		N	%	N	%	N	%	N	%
1997	646	326	50.5	54	8.4	197	30.5	69	10.7
1998	937	509	54.3	46	4.9	255	27.2	127	13.6
1999	836	461	55.1	20	2.4	238	28.5	117	14.0
2000	914	482	52.7	40	4.4	275	30.1	117	12.8
2001	1016	587	57.8	46	4.5	247	24.3	136	13.4

Table 6.2 shows that over the years, about half of the candidates who applied for the Supplementary session did not improve the grade of their certificate after taking the September session. A relatively small number of candidates who had already obtained an overall pass in May improved their grade after the September session. This subgroup was less than 5% over the last four years. It is interesting to see that each year, between 25 - 30% upgraded their overall grade in September and consequently qualified for the Matriculation Certificate. It is also worth noting that each year, between 10-14% of the candidates have been classified as Narrowly Failed (N) after the Supplementary session.

Table 6.3 gives a detailed breakdown of the four categories presented in the previous table.

Table 6.3: Supplementary Sessions 1997-2001: Details of Changes in Overall Grade

	1997	1998	1999	2000	2001
Registered Candidates	646	937	836	914	1016
No Change in Grade	326 (50.5%)	509 (54.3%)	461 (55.1%)	482 (52.7%)	587 (57.8%)
A → A	10	3	3	4	3
B → B	20	33	31	28	40
C → C	105	168	119	158	208
F → F	191	305	308	292	336
Upgraded	54 (8.4%)	46 (4.9%)	20 (2.4%)	40 (4.4%)	46 (4.5%)
B → A	14	7	3	3	7
C → A	0	0	1	1	0
C → B	40	39	16	36	39
Upgraded/Qualified for Certificate	197 (30.5%)	255 (27.2%)	238 (28.5%)	275 (30.1%)	247 (24.3%)
F → A	4	1	3	7	2
F → B	25	29	24	35	35
F → C	168	225	211	233	210
Upgraded to Narrowly Failed	69 (10.7%)	127 (13.6%)	117 (14.0%)	117 (12.8%)	136 (13.4%)
F → N	69	127	117	117	136

This table shows that over the years Grade C has been a prominent feature in the different categories. Among those candidates who had no change in grade after the September session, the largest category (among those who had passed) remained with a Grade C. Among the candidates who had passed in May and improved their overall grade in September, the largest category has always been from Grade C to Grade B. Furthermore, among the candidates who upgraded their overall grade from a fail to a pass, the largest category upgraded to a Grade C.

It is interesting to note, that although this is the first time that this analysis has taken place, the trends in the Matriculation Certificate results have remained very stable over the past four years.

SECTION 7.0: CONCLUSION

This report has been produced with the intention to provide important, valid information about various aspects of the Matriculation Certificate of 2001 in particular. This is the first time that such a report has been produced by the MATSEC Support Unit although in the past, segments of the information provided in this document used to be produced in the annual newsletter. At this level, the emphasis has been on both the presentation of the information as well as on important analyses that are possible as a result of this information. In addition to the analyses worked out in this report, it is possible for individuals and institutions to carry out further analyses of interest to them. In essence, it is hoped that this report is used as a basis of an evaluation of the system of examinations that was introduced in Malta five years ago. Furthermore, it is hoped that this document is used to substantiate and/or reject certain perceptions that had so far been based on speculation.

Recommendations on improving this document or similar documents to be published by the MATSEC Support Unit will be appreciated. These are to be forwarded to the Principal Research and Development Officer, Academic Section, MATSEC Support Unit, University of Malta.

Appendix A

The Matriculation Certificate Examination Regulations 2000-2001

1. General

1.1 The Matriculation Certificate Examination shall be held at two levels: Advanced (AM) Level and Intermediate (IM) Level.

1.2 There are two sessions of the examination: the First Session will be held in May, and a Supplementary Session will be held in September.

1.3 The provisions of the Regulations regarding the Conduct of the Matriculation and Secondary Education Certificate Examinations are also applicable to the Matriculation Certificate Examination..

2. Structure of the Examination

2.1 The Matriculation Certificate Examination is offered in a wide range of subjects divided among groups structured in such a way as to ensure that all candidates study subjects from both the Humanities and the Science areas (see Regulation 3.1 below). Candidates will be required to take:

- (a) one subject chosen from each of Groups 1, 2, and 3 and two other subjects chosen from any of the four groups indicated in Regulation 3.1 below;
- (b) two of the five subjects at Advanced Level and the other three subjects at Intermediate Level;
- (c) Systems of Knowledge.

3. Subjects of the Examination

3.1 In the First Session and in the Supplementary Session the subjects offered shall be the following:

Group 1: Maltese, Arabic, English, French, German*, Greek, Italian, Latin, Russian*, Spanish*;

Group 2: Accounting, Economics, Geography, History, Marketing, Philosophy, Religious Knowledge, Sociology;

Group 3: Applied Mathematics (Mechanics), Biology, Chemistry, Environmental Science**, Physics, Pure Mathematics;

Group 4: Art, Computing, Engineering Drawing, Graphical Communication, Home Economics and Human Ecology*, Information Technology; Music;

Systems of Knowledge.

* offered at Advanced level only

** offered at Intermediate Level only

4. Choice of Subjects

4.1 Any subject may be chosen but the following restrictions apply:

- (a) No subject may be offered at both Advanced and Intermediate Levels;
- (b) Not more than two of Accounting, Economics, and Marketing may be offered;
- (c) Environmental Science may not be offered with Biology, Chemistry, or Physics;
- (d) Computing may not be offered with Information Technology;

(e) Engineering Drawing may not be offered with Graphical Communication. At Intermediate Level the two subjects become one: Engineering Drawing and Graphical Communication.

4.2 No subject may be taken in both the Matriculation Certificate Examination and the Secondary Education Certificate Examination in the same session.

5. Award of Certificate

5.1 The overall grade will be based on the performance of the candidates in the examinations in the five subjects taken and in Systems of Knowledge.

5.2 To qualify for the Matriculation Certificate a candidate must pass the examination taken in one session (which may include a Supplementary Session as specified in Regulations 6.1 and 6.2).

5.3 The Certificate will be awarded to candidates who obtain a pass in at least one of the subjects offered from each of Groups 1, 2, and 3 and in Systems of Knowledge, and a minimum of 44 grade points as indicated in 5.4 below. It will be awarded with a single overall grade to be given as A, B, or C in descending order of merit. For subjects taken at Advanced Level only the Certificate will also indicate that a Pass with Distinction or a Pass with Merit has been awarded.

5.4 The overall grade will be determined from the sum of the grade points obtained in each subject as follows:

Grade A —	80 - 100 grade points
Grade B —	64 - 78 grade points
Grade C —	44 - 62 grade points

5.5 The results obtained in the individual subjects shall be given as grades A, B, C, D, and E in descending order of merit. F indicates Fail and 'abs' indicates Absent. For the purpose of awarding the overall grade, grade points are awarded for these results, up to a total of 100 grade points, as follows:

<i>Advanced Level</i>		<i>Intermediate Level</i>	
Grade A (Distinction) —	30 grade points	Grade A —	10 grade points
Grade B (Merit) —	24 grade points	Grade B —	8 grade points
Grade C (Merit) —	18 grade points	Grade C —	6 grade points
Grade D —	12 grade points	Grade D —	4 grade points
Grade E —	6 grade points	Grade E —	2 grade points

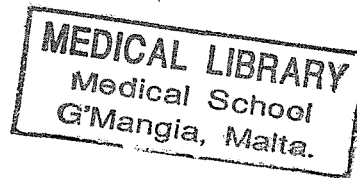
6. Supplementary Session

6.1 Candidates will be allowed to re-sit a maximum of three subjects as follows: one subject at Advanced Level, one subject at Intermediate Level, and Systems of Knowledge.

6.2 Candidates will be allowed to register for the Supplementary Session irrespective of the grade obtained in the May session.

7. Re-sit of Examination

7.1 Candidates, who narrowly fail to obtain the overall Grade C in the Supplementary examination, may re-sit a failed/ low graded subject or opt to sit another subject from the same group and at the same level instead at the next session of examinations. The results of such candidates will be denoted by Grade N.



8. Results

8.1 The results sent to candidates will show the subjects in which a pass grade had been awarded as well as the subjects in which the standard required for the lowest grade was not reached.

8.2 Candidates who fail to qualify for the award of the Certificate will be given single subject certificates for any passes obtained at Advanced Level.

9. Examination in Single Subjects

9.1 Candidates may sit for examinations in single subjects at Advanced Level only. In the case of a pass grade a certificate will be issued.

9.2 Such certificates will, however, not be taken into consideration for the granting of a Matriculation Certificate.

10. Dates of the Examination

10.1 Timetables for the First and the Supplementary Sessions will be published on the University Notice Boards and in the Malta Government Gazette before the end of November and the end of July respectively.

10.2 The First and the Supplementary Sessions may start on any day in May and in September respectively.

11. Registration

11.1 Applications for registration, on the proper forms and accompanied by the appropriate fee, must be made by the closing date as published in the notice for registration.

11.2 (a) Applications for the First Session submitted after the closing date but before 31st January will be accepted if an additional fee is paid.

(b) For the First Session the Registrar may accept applications after the closing date in accordance with statutes and regulations in force at the time.

(c) Applications for the Supplementary Session will be received only during the week following the publication of the First Session results.

11.3 Alterations to the registration form may only be made by the candidate subject to the same conditions and additional fees applicable for late registration.

11.4 Private candidates have to submit their project descriptions as specified by the syllabus.

12. Enquiries upon Results

12.1 The marking of papers and the results shall be final and binding on all candidates and the Matriculation and Secondary Education Certificate Examinations Board will not, except in its absolute discretion, enter into correspondence about results with candidates or their parents or any other person.

13. Candidates with a Disability

13.1 Candidates with a disability may be given the option to be exempted from being examined in a particular element of the examination, such as orthography (in a non-language examination), an oral or a practical. When candidates accept the option, the certificates shall be endorsed as follows:

'Special arrangements were made to enable the candidate to be assessed in this subject. Details may be obtained from the Registrar.'

13.2 Such certificates shall only be issued as last resort when ways cannot be found of supporting disabled candidates to satisfy examination requirements.

14. Conduct during Examinations

14.1 No candidate may be allowed into an examination room after the first half an hour of the examination or leave the examination room whether temporarily or permanently, during the first half an hour and during the last quarter of an hour of an examination.

14.2 Books, note-books, and other aids to the examination must be left outside the examination hall or delivered to the Invigilator before the examination questions are distributed.

14.3 Each candidate will be provided with one or more examination books which must be filled in accordance with the directions printed on the cover of the book. No part of an examination book is to be torn off. No examination book or part thereof may be taken outside the examination hall.

14.4 When an index number is used a candidate may not write his/her name on any part of his/her examination book or make any mark thereon calculated to disclose his/her identity to a marker.

15. Coursework

15.1 All coursework is to be available at the candidates' schools for moderation by the Markers' Panel.

15.2 The school assessments must reach the Matsec Support Unit by the date stipulated by the Matsec Board.

15.3 Private candidates are required to submit their coursework to the Matsec Support Unit with a dated endorsement showing where it was carried out by the date stipulated by the Matsec Board.

15.4 Candidates may be called for an interview relating to their coursework.

15.5 Assessment marks may be retained for the Supplementary Session. Candidates who re-sit the examination at the following May session of examinations must re-present their coursework.

16. Orals

16.1 Oral marks shall not be retained for the Supplementary Session. Candidates who re-sit the examination at the Supplementary Session of examinations must re-take the oral test.

17. Examination Work

17.1 Candidates are expected to bear in mind the necessity for good expression and orderly presentation in their examination answers.

17.2 All work submitted to the Matsec Board in connection with the Matsec Examinations, both written and practical, will become the property of the Matsec Board.

18. Structure of Papers

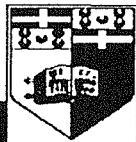
18.1 Each AM Examination has its own particular structure.

19. Examination Materials

19.1 No texts or dictionaries are permitted in the examination centres unless indicated otherwise in the syllabus. A monolingual dictionary is allowed in French Paper I.

19.2 The use of non-programmable electronic calculators is permitted in Mathematics, the science subjects, and related subjects, unless indicated otherwise in the syllabus.

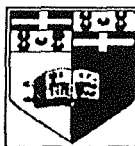
19.3 A booklet with mathematical formulae will be supplied by the Matsec Board where appropriate.



UNIVERSITY OF MALTA - MSIDA
Matriculation & Secondary Education Certificate Board

Time -Table for the Written Examinations - May 2001 Session

23rd - 28th April		SEC Languages Oral Exams: Listening Comprehension, Dictation (where applicable)					
Date		Advanced Matriculation Certificate		Intermediate Matriculation Certificate		Secondary Education Certificate	
		9.00 a.m.	4.00 p.m.	9.00 a.m.	4.00 p.m.	9.00 a.m.	4.00 p.m.
Friday	27-Apr	Music III (Aural+Oral)	Information Technology I		SOK		
Saturday	28-Apr	Accounting II	French I & IV			Tech Design I	French I
Monday	30-Apr	Home Econ & Human Ecol I	Home Econ & Human Ecol II			Home Economics I	Home Economics II
Wednesday	2-May	Sociology I	Sociology II	Sociology		Social Studies I	Social Studies II
Thursday	3-May	Physics I			Environmental Science	English Literature I	Physics I
Friday	4-May	Physics III	Maltese I	Physics	Maltese	English Literature II	Physics II
Saturday	5-May	Maltese II	Maltese III	Maltese (Oral)	Maltese (Oral)	Maltese I	Maltese II
Monday	7-May	Italian I	Italian II	Italian (Oral)	Italian (Oral)	Accounting I	Italian I
Tuesday	8-May	Italian III	Accounting I	Italian	Accounting	Business Studies I	Italian II
Thursday	10-May	French II	French III	French	French (Oral)	Accounting II	Business Studies II
Friday	11-May	French II	French III	French	French (Oral)	Tech Design II	French II
Friday	11-May	Computing I/Inf. Tech II	Computing II/Inf. Tech III		Computing/Inf. Tech.	Computer Studies I	Computer Studies II
Saturday	12-May	Pure Maths I	Pure Maths II		Pure Maths	Mathematics I	Mathematics II
Monday	14-May	Applied Maths I	Applied Maths II		Applied Maths	Arabic I / Latin I	Arabic II / Latin II
Tuesday	15-May	History I	History II		History	History I	German I
Wednesday	16-May	History III	German I			History II	German II
Thursday	17-May	German II	German III			Commerce I	Chemistry I
Friday	18-May	Chemistry I	Chemistry II		Chemistry	Commerce II	Chemistry II
Saturday	19-May	Religious Knowledge I	Religious Knowledge II		Religious Knowledge	Religious Knowledge I	Religious Knowledge II
Monday	21-May	Economics I	Economics II		Economics	Economics I	Environmental Studies I
Tuesday	22-May	Philosophy I	Philosophy II		Philosophy	Economics II	Environmental Studies II
Wednesday	23-May	Geography I	Geography II		Geography	Geography I	Biology I
Thursday	24-May	Biology I	Biology II		Biology	Geography II	Biology II
Friday	25-May	Biology III	English I		English	Spanish I	Textiles & Design I
Saturday	26-May	English II	English III	English (Oral)	English (Oral)	English Language I	English Language II
Monday	28-May	Spanish I	Spanish II			Spanish II	Textiles & Design II
Tuesday	29-May	Marketing I	Marketing II		Marketing	Classical Cult & Civil I	Art I
Wednesday	30-May	Art III	Spanish III		Art	Classical Cult & Civil II	Art II
Thursday	31-May	Art I & II	Arabic I, Russian I, Greek I	Arabic, Greek	Arabic (Oral)	Russian I, Greek I	Russian II, Greek II
Friday	1-Jun	Russian II, Arabic II, Greek II, Music I (2nd Part)	Russian III, Arabic III, Music II (2nd Part)	Music (+Aural)			
Monday	4-Jun	Eng. Draw I, Graph Comm. I	Eng. Draw II, Graph Comm II		Eng. Draw & Graph Comm		
Friday	1-Jun onwards	SEC Level Language Oral Exams: Reading, Conversation, Role Play etc (as applicable).					
Friday	1-Jun onwards	Advanced Level: Time-Table for Language Oral Exams and Science Subjects Practical Exams to be advised.					



UNIVERSITY OF MALTA - MSIDA
 Matriculation & Secondary Education Certificate Board

Dates for submission of coursework, projects etc

SECONDARY EDUCATION CERTIFICATE (SEC)

1. School Assessment of candidates' Lab Books (15 experiments) for PHYSICS, CHEMISTRY and BIOLOGY; Field work for GEOGRAPHY and ENVIRONMENTAL STUDIES; Projects for BUSINESS STUDIES; Portfolio of work for ART; Course work for COMPUTER STUDIES, HOME ECONOMICS and TEXTILES AND DESIGN have to reach the MATSEC Office, University of Malta, through the Head of School by not later than Friday 23 March 2001.

2. Candidates who apply to sit for the above subjects, but which are not taught at the school where they receive their full-time education, have to present their Lab Books, Projects, Fieldwork, Course Work or Portfolio of Work, as the case may be, between Monday 19 and Friday 23 March, at the Examinations Department, Floriana, for assessment by the Boards of Examiners. This regulation applies also to those candidates who are eligible to sit for the Secondary Education Certificate Examinations because they reach the age of sixteen during the calendar year 2001 but have not completed form V. In such cases, candidates have to complete the "Assessment of Projects" form and to attach it to the work presented.

INTERMEDIATE LEVEL

28-Feb-01	Private candidates to hand in last SYSTEMS OF KNOWLEDGE Project at the MATSEC Office, University of Malta; Closing date for School Project Marks for Systems of Knowledge
23-Mar-01	Closing date for School Assessment Marks for (1) Set Exercises for COMPUTING (II) 5 school-based exercises for INFORMATION TECHNOLOGY
30-May-01	ART candidates to present their portfolio of works (coursework) during the examination.

ADVANCED LEVEL

29-Dec-00	Closing date for School Assessment Marks for INFORMATION TECHNOLOGY (modules 1 and 2)
23-Mar-01	Private candidates: ART (coursework portfolio); COMPUTING (practical work); GEOGRAPHY (fieldwork); HOME ECONOMIC Closing date for School Assessment Marks for INFORMATION TECHNOLOGY (module 7)
27-Apr-01	Closing date for School Assessment Marks for GEOGRAPHY and HOME ECONOMICS; MUSIC – 2 copies of the composition (if chosen)

Practical examinations: dates and times will be communicated after registration.

Candidates who apply to sit for any of the above subjects, but subject is not taught at the school where they receive their full-time education, have to present their Projects, Practical work and/or Coursework, as the case may be, by not later than the dates specified above, at the Examinations Department, Floriana, for moderation or assessment by the Boards of Examiners. In such cases, candidates have to complete the "Assessment of Projects" form and attach it to the work presented.

IMPORTANT NOTE FOR PRIVATE CANDIDATES: All coursework, portfolio, practical work have to be presented in a special folder obtained from the MATSEC Office. The time-table for SEC Language Oral Examinations, together with index number and accommodation, will be sent to candidates after registration.



Matriculation and Secondary Education Certificate Examinations Board

UNIVERSITY OF MALTA, MSIDA MSD 06, MALTA.

TEL: 3290 2815, 331224

E-MAIL: massec@um.edu.mt

FAX: (356) 314324

TELEGRAM: UNIVERSITY-MALTA

REGISTRATION FOR THE EXAMINATIONS AT ADVANCED & INTERMEDIATE LEVELS - SEPTEMBER 2001

Registrations for the examinations at Advanced and/or Intermediate level - September 2001 session will be received at the MATSEC UNIT - University of Malta - Msida between 8.00 a.m. and 4.00 p.m. on the days indicated in the table below.

Candidates whose Index Numbers are between	Date
1 and 500	Tuesday 17 th July
501 and 1000	Wednesday 18 th July
1001 and 1500	Thursday 19 th July
1501 and 2000	Friday 20 th July
3000 to 4000	Monday 23 rd July
4001 to 5000	Tuesday 24 th July
NS001 to NS200	Tuesday 24 th July
Late Applications	Thursday 16 th & Friday 17 th August

Candidates from Gozo are to submit their application at the Examinations Department - Victoria Gozo between 17th July and 20th July.

- Candidates who sat for the Matriculation Certificate Examinations may sit for the September Session with a maximum of three subjects: one subject at Advanced Level, one subject at Intermediate Level and Systems of Knowledge, irrespective of the grade they obtained in the May 2001 session.
- Candidates who sat for the Advanced Matriculation as Single Subject may sit for only one subject, from the subjects they sat for in May 2001 session.
- The fees for the September Session are those applicable for the May Session i.e. Lm 8 per subject at Advanced Level, Lm7 per subject at Intermediate Level, Lm2 for subjects that require practical examinations and Lm3.60 registration fee. An additional Lm5 per subject is charged for late applications. Fees may be paid either in cash or by cheque payable to the Matsec Board.
- Candidates or their representatives are to bring the enclosed application form (original and copy), properly filled, together with the relevant fees at the time of registration to the Matsec Office.
- Candidates are to present the enclosed May 2001 session Transcript of Results/result slip with their application.
- The Examinations will be held in September as follows:

	A.M.	P.M.
Monday 3 rd September	Advanced Level Paper 1	
Tuesday 4 th September	Advanced Level Paper 2	Advanced Level Paper 3
Wednesday 5 th September	Systems of Knowledge	
Thursday 6 th September	Intermediate Level	
Friday 7 th September	Practical Examinations	

REGISTRATION FOR REVISION OF PAPERS

Candidates may register for a revision of papers of any of the examinations they sat for in the May Session, on the same days as specified above for the registration for the supplementary session. However the above date for Late Applications is not applicable.

An additional examiner will be appointed to review the cases for candidates who ask for a Revision of Papers. A brief report on the performance of the candidate will be forwarded in each case. Although every effort will be made to post these reports to the candidates as soon as possible, no guarantee can be given that these are issued before the September 2001 session.

A fee of Lm 15 per subject is to be paid on registration. This fee is refundable in cases where the Board of Examiners recommends a change in the original grade.

A. Sammut
Co-ordinator

UNIVERSITY OF MALTA - THE MATRICULATION CERTIFICATE EXAMINATIONS - MAY 2000

Appendix C

CLOSING DATE : 24 NOVEMBER 2000

I.D. CARD NO:

Name: _____ Surname: _____

Address: _____

Postcode: _____

Tel No: _____ Date of Birth: _____ Sex: Male/Female

Candidates presented by the School MUST INSERT School Rubber Stamp and Signature of Head of School in the space provided.

Private Candidates must write 'Private' in the box provided. Such Candidates should have advised the Matsec Unit during 1999 for the Systems of Knowledge Project.



--

Mark against the Subject/s you wish to take

GROUP 1			
INT	ADV		SUBJECT
		SA1	Maltese
		SA2	Arabic
		SA3	English
		SA4	French
		SA5	Greek
		SA6	Italian
		SA8	German
		SA9	Russian
		SA10	Spanish

GROUP 2			
INT	ADV		SUBJECT
		SB1	Accounting
		SB2	Economics
		SB3	Marketing
		SB4	History
		SB5	Geography
		SB6	Philosophy
		SB7	Religious Knowledge
		SB8	Sociology

GROUP 3			
INT	ADV		SUBJECT
		SC1	Applied Maths
		SC2	Pure Maths
		SC3	Biology
		SC4	Chemistry
		SC5	Physics
		SC6	Environmental Science

GROUP 4			
INT	ADV		SUBJECT
		SD1	Art
		SD2	Music
		SD3	Computing
		SD4	Information Technology
		SD5	Eng. Drawing & Graph. Comm.
		SD6	Engineering Drawing
		SD7	Graphical Communication
		SD8	Home Econ. & Human Ecology

		SOK	Systems of Knowledge
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1. Choose 3 subjects, one from each of group 1, 2 or 3 and 2 subjects from any group/s 1,2,3,4.
2. Your choice must contain 2 subjects at Adv Level and 3 Int Level Subjects, but no subject may be taken at both levels.
3. Accounting, Economics and Marketing: not more than 2 subjects can be taken.
4. Environmental Science cannot be taken with Physics, Chemistry and/or Biology.
5. Computing cannot be taken with Information Technology.
6. Engineering Drawing cannot be taken with Graphical Communications at Advanced Level.

I make this entry according to the provisions of the published regulations which I have studied.

N.B. NOTES TO CANDIDATES - VIDE OVERLEAF

Date: _____

Signature: _____

FOR OFFICE USE

Serial No: _____ Received By: _____ Entered in Computer By: _____

NOTES TO CANDIDATES:

Candidates who intend to register for the Matriculation Certificate Examinations May 2001 Session are to follow the following instructions:

- (a) Candidates presented by their school are to have their application form endorsed by the Head of School and handed to the School by not later than Friday 17 November 2000.
- b) Private candidates must present their application form from Monday 13 November 2000 to Friday 24 November 2000 from 8.00 a.m. to 4.30 p.m. at the Examinations Department, Floriana or at the Examinations Centre, Victoria Gozo.

Private Candidates are to present their Official I.D. Card when submitting their application.

Late applications are accepted from Wednesday 24 January 2001 to Friday 26 January 2001. It will not be possible to accept further applications after this date.

The MATSEC EXAMINING BOARD may authorise exemption of fees in cases of proven financial difficulties. Where the applicants' parents/legal guardians are in receipt of the Government Social Assistance, the relevant "Waiving of Fees" form (obtainable **ONLY** from the Examinations Department on presentation of the Payment Invoice) should be duly endorsed by the Welfare Area Officer and presented at the Examinations Department together with the Payment Invoice..

- a) Requests for 'Special Arrangements' are to be made on the appropriate form obtainable from the Head of School in case of School Presented Candidates or from the Examinations Department Floriana and the Gozo Examinations Centre, Victoria Gozo in case of Private Candidates.
- b) The completed application must be presented at the Examinations Department or at the Gozo Examinations Centre by not later than Friday 24 November 2000.

IMPORTANT

Private Candidates must submit their projects, practical work, and/or course work for the Matriculation Certificate and Advanced Level May 2001 Session as follows:

ADVANCED

3rd March 2001 Private candidates - ART (coursework portfolio); COMPUTING practical work; GEOGRAPHY field work, and HOME ECONOMICS & HUMAN ECOLOGY.

Practical Examinations: dates and times will be communicated to candidates after the registrations.

INTERMEDIATE

3th February 2001 Private Candidates to hand in their last SYSTEMS OF KNOWLEDGE Project; Closing date for School Project Marks for SYSTEMS OF KNOWLEDGE

30th May 2001 ART candidates to present portfolio of works (coursework) during the examination.

Private candidates, who apply to sit for any of the above subjects, have to present their Projects, Practical work, and/or Course work, as the case may be, by not later than the specified dates above, to the Examinations Department Floriana and the Gozo Examinations Centre, Victoria Gozo. In such cases, candidates have to complete also the "Assessment of Projects" form, which states when, where and under whose supervision such work was undertaken, and attach it to the work presented.

IMPORTANT: All coursework, portfolio, practical work, have to be returned to the Examinations Department in a special folder obtainable from the Matsec Unit.

CANDIDATES SHOULD NOTE THAT CLASH OF SUBJECTS WITH LOCAL AND OVERSEAS EXAMINING BOARDS WILL NOT BE CONSIDERED.

UNIVERSITY OF MALTA - ADVANCED LEVEL SINGLE SUBJECTS EXAMINATIONS - MAY 2001

CLOSING DATE : 24 NOVEMBER 2000

I.D. CARD NO:

Name: _____ Surname: _____

Address: _____

Postcode: _____

Tel No: _____ Date of Birth: _____ Sex: Male/Female

Candidates who are presented by their School MUST INSERT School Rubber Stamp and Signature of Head of School in the space provided.



Private Candidates must write "Private" in the box provided

Mark against the Subject/s you wish to take

SOK Available ONLY to candidates who have already advised the Matsec Unit during 1999.



INT LEVEL	SUBJECT
<input type="checkbox"/>	S1 Systems of Knowledge

ADV LEVEL	SUBJECT
<input type="checkbox"/>	S3 Maltese
<input type="checkbox"/>	S4 Italian
<input type="checkbox"/>	S5 Religious Knowledge
<input type="checkbox"/>	S6 English
<input type="checkbox"/>	S7 Economics
<input type="checkbox"/>	S8 Pure Mathematics
<input type="checkbox"/>	S9 Physics
<input type="checkbox"/>	S10 Philosophy
<input type="checkbox"/>	S11 Chemistry
<input type="checkbox"/>	S12 Computing
<input type="checkbox"/>	S13 French
<input type="checkbox"/>	S14 Applied Mathematics (Mechanics)
<input type="checkbox"/>	S15 Biology
<input type="checkbox"/>	S16 Accounting
<input type="checkbox"/>	S17 History

ADV LEVEL	SUBJECT
<input type="checkbox"/>	S18 Sociology
<input type="checkbox"/>	S19 Marketing
<input type="checkbox"/>	S20 Information Technology
<input type="checkbox"/>	S21 Home Economics and Human Ecology
<input type="checkbox"/>	S22 Engineering Drawing
<input type="checkbox"/>	S23 Graphical Communication
<input type="checkbox"/>	S24 German
<input type="checkbox"/>	S25 Spanish
<input type="checkbox"/>	S26 Art
<input type="checkbox"/>	S27 Geography
<input type="checkbox"/>	S28 Arabic
<input type="checkbox"/>	S29 Music
<input type="checkbox"/>	S30 Latin
<input type="checkbox"/>	S31 Russian
<input type="checkbox"/>	S32 Greek

I make this entry according to the provisions of the published regulations, which I have studied.

N.B. NOTES TO CANDIDATES - VIDE OVERLEAF

Date: _____

Signature: _____

FOR OFFICE USE

Serial No: _____ Received By: _____ Entered in Computer By: _____

NOTES TO CANDIDATES:

Candidates who intend to register for the Advanced Level Single Subjects Examinations May 2001 Session are to follow the following instructions:

1. a) Candidates presented by their school are to have their application form endorsed by the Head of School and handed to the School by not later than Friday 17 November 2000.
b) Private candidates must present their application form from Monday 13 November 2000 to Friday 24 November 2000 from 8.00 a.m. to 4.30 p.m. at the Examinations Department, Floriana or at the Examinations Centre, Victoria Gozo.
Private Candidates are to present their Official I.D. Card when submitting their application.
2. Late applications are accepted from Wednesday 24 January 2001 to Friday 26 January 2001. It will not be possible to accept further applications after this date.
3. The MATSEC EXAMINING BOARD may authorise exemption of fees in cases of proven financial difficulties. Where the applicants' parents/legal guardians are in receipt of the Government Social Assistance, the relevant "Waiving of Fees" form (obtainable **ONLY** from the Examinations Department on presentation of the Payment Invoice) should be duly endorsed by the Welfare Area Officer and presented at the Examinations Department together with the Payment Invoice.
4. a) Requests for 'Special Arrangements' are to be made on the appropriate form obtainable from the Head of School in case of School Presented Candidates or from the Examinations Department Floriana and the Gozo Examinations Centre, Victoria Gozo in case of Private Candidates.
b) The completed application must be presented at the Examinations Department or at the Gozo Examinations Centre by not later than Friday 24 November 2000.
5. Single Subject Certificates will not be taken into consideration for the granting of the Matriculation Certificate.

IMPORTANT

Private Candidates must submit projects, practical work, and/or course work for the Matriculation Certificate and Advanced Level May 2001 Session are as follows:

ADVANCED

23rd March 2001 Private candidates - ART (coursework portfolio); COMPUTING practical work; GEOGRAPHY field work, and HOME ECONOMICS & HUMAN ECOLOGY.

Practical Examinations: dates and times will be communicated to candidates after the registration.

INTERMEDIATE

28th February 2001 Private Candidates to hand in their last SYSTEMS OF KNOWLEDGE Project; Closing date for School Project Marks for SYSTEMS OF KNOWLEDGE

Private candidates, who apply to sit for any of the above subjects, have to present their Projects, Practical work, and/or Course work, as the case may be, by not later than the specified dates above, to the Examinations Department Floriana and the Gozo Examinations Centre, Victoria Gozo. In such cases, candidates have to complete also the "Assessment of Projects" form, which states when, where and under whose supervision such work was undertaken, and attach it to the work presented.

IMPORTANT: All coursework, portfolio, practical work have to be presented in a special folder obtainable from the MATSEC unit.

CANDIDATES SHOULD NOTE THAT CLASH OF SUBJECTS WITH LOCAL AND OVERSEAS EXAMINING BOARDS WILL NOT BE CONSIDERED.

UNIVERSITY OF MALTA - THE MATRICULATION CERTIFICATE EXAMINATIONS (NARROWLY FAIL) - MAY 200

CLOSING DATE : 24 NOVEMBER 2000

I.D. CARD NO:

Name: _____ Surname: _____

Address: _____

Postcode: _____

Tel No: _____ Date of Birth: _____ Sex: Male/Female

Candidates who are presented by the School MUST INSERT School Rubber Stamp and Signature of Head of School in the space provided.

Private Candidates must write 'PRIVATE' in the box provided.



Mark against the Subject/s you wish to take

GROUP 1			
INT	ADV		SUBJECT
		SA1	Maltese
		SA2	Arabic
		SA3	English
		SA4	French
		SA5	Greek
		SA6	Italian
		SA8	German
		SA9	Russian
		SA10	Spanish

GROUP 2			
INT	ADV		SUBJECT
		SB1	Accounting
		SB2	Economics
		SB3	Marketing
		SB4	History
		SB5	Geography
		SB6	Philosophy
		SB7	Religious Knowledge
		SB8	Sociology

GROUP 3			
INT	ADV		SUBJECT
		SC1	Applied Maths
		SC2	Pure Maths
		SC3	Biology
		SC4	Chemistry
		SC5	Physics
		SC6	Environmental Science

GROUP 4			
INT	ADV		SUBJECT
		SD1	Art
		SD2	Music
		SD3	Computing
		SD4	Information Technology
		SD5	Eng. Drawing & Graph. Comm.
		SD6	Engineering Drawing
		SD7	Graphical Communication
		SD8	Home Econ. & Human Ecology

		SOK	Systems of Knowledge
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- Result Slips and the Note issued from the Matsec Examining Board denoting Grade N result are to be presented with the application.

I make this entry according to the provisions of the published regulations which I have studied.

N.B. NOTES TO CANDIDATES - VIDE OVERLEAF

Date: _____

Signature: _____

FOR OFFICE USE

Serial No: _____ Received By: _____ Entered in Computer By: _____

NOTES TO CANDIDATES:

Candidates who intend to register for the Matriculation Certificate Examinations (Narrowly Fail) May 2001 Session are to follow the following instructions:

- 1) Candidates must present their application form from Monday 13 November 2000 to Friday 24 November 2000 from 8.00 a.m. to 4.30 p.m. at the Examinations Department, Floriana or at the Examinations Centre, Victoria Gozo.
Private Candidates are to present their Official I.D. Card when submitting their application.
- 2) Candidates who narrowly failed to obtain the overall Grade C in the Supplementary Examination may re-sit a failed/low graded subject or opt to sit another subject from the same group at the same level instead.
- 3) Candidates registering as Narrowly Fail are to produce the result slips together with the note received from the Matsec Unit to this effect. The result slip of such candidates is denoted by Grade N.
- 4) Late applications are accepted from Wednesday 24 January 2001 to Friday 26 January 2001. It will not be possible to accept further applications after this date.
- 5) The MATSEC EXAMINING BOARD may authorise exemption of fees in cases of proven financial difficulties. Where the applicants' parents/legal guardians are in receipt of the Government Social Assistance, the relevant "Waiving of Fees" form (obtainable ONLY from the Examinations Department on presentation of the Payment Invoice) should be duly endorsed by the Welfare Area Officer and presented at the Examinations Department together with the Payment Invoice.
- 6) a) Requests for 'Special Arrangements' are to be made on the appropriate form obtainable from the Head of School in case of School Presented Candidates or from the Examinations Department Floriana and the Gozo Examinations Centre, Victoria Gozo in case of Private Candidates.
b) The completed application must be presented at the Examinations Department or at the Gozo Examinations Centre by not later than Friday 24 November 2000.

IMPORTANT

Private Candidates must submit their projects, practical work, and/or course work for the Matriculation Certificate and Advanced Level May 2001 Session as follows:

ADVANCED

3rd March 2001 **Private candidates** - ART (coursework portfolio); COMPUTING practical work; GEOGRAPHY field work, and HOME ECONOMICS & HUMAN ECOLOGY.

Practical Examinations: dates and times will be communicated to candidates after the registration.

INTERMEDIATE

8th February 2001 **Private Candidates** to hand in their last SYSTEMS OF KNOWLEDGE Project; Closing date for School Project Marks for SYSTEMS OF KNOWLEDGE.

10 May 2001 ART candidates to present portfolio of works (coursework) during the examination.

Private candidates, who apply to sit for any of the above subjects, have to present their Projects, Practical work, and/or Course work, as the case may be, by not later than the specified dates above, to the Examinations Department Floriana and the Gozo Examinations Centre, Victoria Gozo. In such cases, candidates have to complete also the "Assessment of Projects" form, which states when, where and under whose supervision such work was undertaken, and attach it to the work presented.

IMPORTANT: All coursework, portfolio, practical work, have to be returned to the Examinations Department in a special folder obtainable from the Matsec Unit.

CANDIDATES SHOULD NOTE THAT CLASH OF SUBJECTS WITH LOCAL AND OVERSEAS BOARDS WILL NOT BE CONSIDERED.

Appendix D

UNIVERSITY OF MALTA - MATSEC EXAMINATION BOARD

REVISION OF PAPERS APPLICATION FORM

FOR ADVANCED MATRICULATION / INTERMEDIATE LEVEL
EXAMINATIONS SEPTEMBER 2001

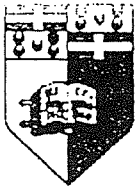
SURNAME & NAME (Block letters)		INDEX NO	
_____		_____	
Advanced Matriculation Level		Intermediate Level	
Accounting		Accounting	
Applied Mathematics		Applied Mathematics	
Art		Arabic	
Biology		Art	
Chemistry		Biology	
Computing		Chemistry	
Economics		Computing	
Engineering Drawing		Economics	
English		Engin. Drawing & Graphical	
French		English	
Geography		Environmental Science	
German		French	
Graphical Communications		Geography	
History		History	
Home Economics & Human Ecology		Information Technology	
Information Technology		Italian	
Italian		Maltese	
Maltese		Marketing	
Marketing		Music	
Music		Philosophy	
Philosophy		Physics	
Physics		Pure Mathematics	
Pure Mathematics		Religious Knowledge	
Religious Knowledge		Sociology	
Russian			
Sociology		Systems of Knowledge	
Spanish			

Fees: Lm 15 per subject Total Amount

Total No of subjects

SIGNATURE OF CANDIDATE _____

Appendix E: Special Arrangements Form



MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD
University of Malta, Imsida, MSD 06, MALTA
FAX: (356)314324 Tel.: 331224, 3290 2815

Ref No.

Request for Special Arrangements during MATSEC Examinations

Name of Candidate: _____ I.D. Card: _____

Address: _____ Tel No: _____

_____ Post Code: _____

School: _____ Tel No: _____

Subject	Level: Paper A or B
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____

Reason/s for applying for special examination arrangements

Special arrangements requested

Special arrangements already made by the school (classroom work, tests, etc.)

Certification by specialist/s in support of this request

Full name of specialist	Full Report attached
1.	YES/NO
2.	YES/NO
3.	YES/NO

Statement by Head of School

I hereby certify that all the information provided in this request is accurate and hence I fully support the application. The candidate has been attending the school for the past ____ years. I would also like to state that (write here if applicable):

Full Name: _____ Signature: _____

School: _____ Date: _____

FOR OFFICIAL USE ONLY

1. Application received on : _____

2. Discussed by Special Needs Committee: _____

3. Decision taken: _____

4. Communicated to Candidate: _____

5. Communicated to Markers' Panel: _____

REPORT

MATRICULATION CERTIFICATE EXAMINATIONS 2001

This statistical report covers many aspects of the examination that should be of interest to students, teachers, parents, researchers and educational policy makers. It provides comprehensive information about registrations, results and requests for revision of papers. Interesting results emerge about the popularity of the Advanced level and Intermediate level subjects, the distribution of candidates by age and by locality, the combinations of Advanced levels, grade distributions, percentage passes, and gender differences. The results of the 1983 cohort are of particular significance as they allow us to gauge the proportion of eighteen-year-olds who managed to obtain university entrance qualifications after thirteen years of schooling. This benchmark has implications for the economic and social development of our country.

A MATSEC PUBLICATION
MATSEC SUPPORT UNIT
UNIVERSITY OF MALTA
MSIDA MSD 06
MALTA
2001

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