

MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD
UNIVERSITY OF MALTA, MSIDA

SECONDARY EDUCATION CERTIFICATE LEVEL

SEPTEMBER 2016

SUBJECT:	Health and Social Care
PAPER NUMBER:	Synoptic – Unit 1
DATE:	1 st November 2016
TIME:	10:00 a.m. to 12:05 p.m.

**THIS PAPER SHOULD BE RETURNED TO THE INVIGILATOR
AFTER THE EXAMINATION.**

GENERAL SCENARIO

- Frans is a senior care worker in an elderly home.
- He has various responsibilities.
- The main aim of the elderly home is the well-being of the individuals who reside in the home.
- Frans works with different professionals.
- Frans is knowledgeable about various subjects.

Section A

Case Scenario 1:

Frans was working his shift on a Monday morning, and he called you to help him understand how the human body functions.

Keeping Case Scenario 1 in mind, answer the following questions:

Question 1

K1 (12 marks)

Describe **four** (4) key organs (of your choice) in the human body and their core function.

Answer 1:

Name of Key Organ: _____

Description of the Organ: _____

Description of its core function: _____

Answer 2:

Name of Key Organ: _____

Description of the Organ: _____

Description of its core function: _____

Answer 3:

Name of Key Organ: _____

Description of the Organ: _____

Description of its core function: _____

Answer 4:

Name of Key Organ: _____

Description of the Organ: _____

Description of its core function: _____

Question 2

C1 (10 marks)

The organ systems work together so that the body functions properly. Discuss how the following organ systems interact with each other.

Answer 1: Circulatory and Respiratory systems

Please turn the page.

Answer 2: Digestive and endocrine systems

Section B

Case Scenario 2

One of the elderly living in the flat where Frans works started feeling weak. Unfortunately, Frans did not know the reason why the elderly was feeling like this. He called a doctor to come and do some check ups on the elderly. Frans stayed next to the doctor so he could ask him some questions about the measurements the doctor was taking.

Question 3

K3 (3 marks)

State what are the normal range of measurement of pulse, blood pressure and breathing rate.

Answer 1: Pulse

Normal Range: _____

Answer 2: Blood Pressure

Normal Range: _____

Answer 3: Breathing Rate

Normal Range: _____

Question 4

C2 (10 marks)

Give a brief explanation about the most common reasons why measurement of pulse and blood pressure might be outside of range.

Answer 1: Pulse

Explanation: _____

Answer 2: Blood Pressure

Explanation: _____

Section C

Case Scenario 3

A new elderly was admitted to the flat where Frans works. The manager asked Frans for some information about the needs of this elderly person.

Question 5

C3 (10 marks)

Choose **two** (2) of the aspects mentioned in Question 5 (e.g. Intellectual) and give a brief explanation of that aspect. Keep in mind that the explanation of the key aspect has to be for the new elderly admitted to the flat where Frans works.

Key Aspect 1: _____

Explanation: _____

Key Aspect 2: _____

Explanation: _____

Question 6

K6 (8 marks)

Identify **two** (2) Physical, Intellectual, Emotional and Social needs that the elderly might have:

Physical Needs:

Need 1: _____

Need 2: _____

Intellectual Needs:

Need 1: _____

Need 2: _____

Emotional Needs:

Need 1: _____

Need 2: _____

Social Needs:

Need 1: _____

Need 2: _____

Question 7

A2 (14 marks)

Demonstrate (by writing detailed steps/procedures) how the following needs of the elderly can be met.

Answer 1: Moving an elderly who is bedridden; from a bed to a chair

Answer 2: Nappy changing an elderly

Section D

Case Scenario 4

Most of the elderly who live in the flat where Frans works come from different backgrounds and have experienced different life events.

Keeping the Case Scenario in mind, answer the following questions:

Question 8

K8 (3 marks)

Identify **six (6)** life events that elderly people might have experienced throughout their life.

Life Event 1: _____

Life Event 2: _____

Life Event 3: _____

Life Event 4: _____

Life Event 5: _____

Life Event 6: _____

Question 9

K7 (6 marks)

Choose **three** (3) of the life factors mentioned below and outline how these different factors might have influenced the health and well-being of individuals

Life Factors: Socio-Economic Factors, Physical Factors, Life Style Factors, Health Factors

Life Factor 1: _____

Answer 1: _____

Life Factor 2: _____

Answer 2: _____

Life Factor 3: _____

Answer 3: _____

Section E

Case Scenario 5

A new care worker was employed and the manager asked Frans to give the new care worker a briefing about the way care workers are expected to promote a healthy life style for the elderly living in the apartment.

Question 10

K9 (8 marks)

Keeping the Case Scenario above in mind outline each of the following components.

Component: Physical Fitness

Answer 1: _____

Component: Balanced Diet

Answer 2: _____

Component: Intellectual Stimulation

Answer 3: _____

Component: Emotional and Social Well-Being

Answer 4: _____

Please turn the page.

Question 11

A3 (16 marks)

Carry out an assessment for an elderly who has dementia and is bedridden, and prepare a plan to meet her individual's needs. It is important to describe why you came up with certain conclusions during your assessment.

Assessment: _____

Plan to meet the needs: _____

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