



**L-Università
ta' Malta**

MATRICULATION AND SECONDARY EDUCATION CERTIFICATE
EXAMINATIONS BOARD

**SECONDARY EDUCATION CERTIFICATE LEVEL
2018 SUPPLEMENTARY SESSION**

SUBJECT:	Health and Social Care
PAPER NUMBER:	Synoptic – Unit 1
DATE:	1 st November 2018
TIME:	10:00 a.m. to 12:05 p.m.

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

General Scenario

- Lisa has been working as a care worker for the past ten years.
- She works in a children's hospital.
- The main aim of the hospital is to provide health care services to children.
- There are a number of professionals working in the hospital.

Section A

Question 1

K1 (6 marks)

Lisa was sent to the ENT (Ears, Nose and Throat) unit last week to replace another care worker. Whilst there she met a lot of children having problems with their ears. Describe the ear and the nose as a key organs and their core function.



Figure 1: Ear

Taken from: <http://laoblogger.com/ear-black-and-white-clipart.html>

Description of the organ:

(1.5)

Description of its core function:

(1.5)



Figure 2: Nose

Taken from: <http://worldartsme.com/nose-black-and-white-clipart.html>

Description of the organ:

(1.5)

Description of its core function:

(1.5)

Question 2

K2 (5 marks)

a) The nose forms part of one of the main systems in our body.

i. Which system is this?

System: _____ (0.5)

ii. Mention **ONE** other organ forming part of this system.

Organ 1: _____ (0.5)

iii. Outline the main functions of this system.

(1.5)

b) The heart forms part of one of the main systems in our body.

i. Which system is this?

System: _____ (0.5)

ii. Mention **ONE** other organ forming part of this system.

Organ 1: _____ (0.5)

iii. Outline the main functions of this system.

(1.5)

Question 3

C1 (8 marks)

Organ systems interact with each other.

a) Discuss how the circulatory and respiratory systems interact with each other.

(4)

b) Discuss how the endocrine system and the digestive system interact with each other.

(4)

Section B

As part of her duties, Lisa has to take pulse, breathing rate and temperature measurements of children aged 4 to 5 years. She has to make sure that these measurements are normal.

Question 4

K3 (3 marks)

Choose the correct answer from the ones below by underlying the correct answer.

Normal Pulse rate:

- a) 80-120 beats per minute
- b) 60-100 beats per minute
- c) 70-110 beats per minute

(1)

Breathing rate:

(2)

Temperature:

(2)

Question 7

C3 (6 marks)

The children with whom Lisa works develop very quickly. Explain **THREE** ways how a child develops physically and intellectually. You can include examples or developmental stages to support your explanation. Figure 3 below can help.



Figure 3: Child Development

Taken from <http://www.icaneducation.ca/wp-content/uploads/2016/01/What-You-Can-Do-to-Help-Your-Child-Achieve-at-Each-Stage-of-Development-e1451912368855.jpg>

Physical Development:

(3)

Intellectual Development:

(3)

Question 8

K6 (8 marks)

Identify **TWO** Physical, Intellectual, Emotional and Social needs that the 18-24 month old child might have:

Physical needs

Need 1: _____ (1)

Need 2: _____ (1)

Intellectual needs

Need 1: _____ (1)

Need 2: _____ (1)

Emotional needs

Need 1: _____ (1)

Need 2: _____ (1)

Social needs

Need 1: _____ (1)

Need 2: _____ (1)

Question 11

C4 (10 marks)

Life factors can also have an impact on children's life. Choose **TWO** life factors and explain how these factors might influence a child's everyday needs either positively or negatively.

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

Life Factor 1: _____

Influences on child's needs: _____

_____ (5)

Life Factor 2: _____

Influences on child's needs: _____

_____ (5)

Please turn the page.

Section C

A 9-year-old child has been admitted to hospital following a cardiac arrest. He is very young for such an incident. After diagnosis, doctors found out that the cardiac arrest was due to his obesity. The doctor said that the child needs to adopt a healthier lifestyle.

Question 12

K9 (6 marks)

Keeping the above case scenario in mind, outline the following components in ensuring that the child adopts a healthier lifestyle.

Physical fitness:

(3)

Balanced diet:

(3)

Question 13

A3 (12 marks)

The child's parents said they would like some assistance to help their child lose weight. This is what they said:

- They need help to learn which types of food are healthy and which are not.
- They are very busy during the week and do not have a lot of time to cook.
- They are not physically active.
- They have a lot of financial commitments due to loans.
- The child spends a lot of time on his own, during which he likes to snack on sweets.

Looking at the above information, assess what their needs are under the appropriate heading, giving reasons for your answer.

Physical: _____

(2)

Intellectual: _____

(2)

Emotional: _____

_____ (2)

Social: _____

_____ (2)

Having assessed the above needs, choose **TWO** of the needs mentioned above and develop a simple plan using the care plan below.

Need	Goal (What are you trying to achieve?) (1 mark each)	Steps to reach goal. Please write 5 sub-steps for each goal mentioned. (1 mark each)
1.		
2.		

(4)

Please turn the page.

Question 14

K10 (6 marks)

Looking at the plan you developed in Question 13, describe how your plan is:

Specific:

(3)

Measurable:

(3)