

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

SECONDARY EDUCATION CERTIFICATE LEVEL

SEPTEMBER 2017

SUBJECT:	Health and Social Care
PAPER NUMBER:	Synoptic – Unit 1
DATE:	1 st November 2017
TIME:	10:00 a.m. to 12:05 p.m.

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

General Scenario

- Mary is a senior care worker in a private hospital.
- She has various responsibilities.
- The main aim of the hospital is the recovery of patients.
- Mary works within a multi-disciplinary team.
- Mary is knowledgeable about various care related topics.

SECTION A

Case Scenario 1

Mary has been assigned to help Paul, a new care worker, to understand some of the main core human body functions. Keeping Case Scenario 1 in mind, answer the following questions:

Question 1

K1 (12 marks)

Describe **THREE** key organs (of your choice) in the human body by:

- i. describing **TWO** of their core features;
- ii. describing **TWO** of their core functions.

Name of key organ 1: _____

Description of the organ (2 core features):

(2)

Description of its core function (2 core functions):

(2)

Name of key organ 2: _____

Description of the organ (2 core features):

(2)

Description of its core function (2 core functions):

(2)

Name of key organ 3: _____

Description of the organ (2 core features):

(2)

Description of its core function (2 core functions):

(2)

Please turn the page.

Question 2

C1 (10 marks)

Paul asked Mary whether any of the organs interact with each other in any way. Discuss how the following organ systems interact with each other. Discuss **ONE** interaction for each answer.

Answer 1: Circulatory and respiratory system

(5)

Answer 2: Digestive and endocrine system

(5)

SECTION B

Case Scenario 2

One of the middle-aged patients fainted and Mary decided to carry out some check-ups. She went to check whether the measurements taken fall within the normal range but she could not find the chart.

Question 3

K3 (3 marks)

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

Answer 1: Pulse

Normal range: _____ (1)

Answer 2: Blood pressure

Normal range: _____ (1)

Answer 3: Breathing rate

Normal range: _____ (1)

Question 4

C2 (10 marks)

Paul asked Mary why someone might have measures outside the range. Give a brief explanation about the most common reasons why measurement of pulse and blood pressure might be out of range.

Answer 1: Pulse

Explanation: _____

_____ (5)

Answer 2: Blood pressure

Explanation: _____

_____ (5)

Please turn the page.

SECTION C

Case Scenario 3

A new-born baby has just been admitted to hospital. Paul asked how a new-born develops and what needs the new-born baby has. Mary gave some information to Paul.

Question 5

K6 (8 marks)

Identify **TWO** Physical, Intellectual, Emotional and Social needs that the new-born 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 6

C3 (10 marks)

Give a brief explanation on **FOUR** aspects of how a new-born baby develops physically. Keep in mind that the explanation of the development must be for the new-born baby. You can include examples or developmental stages to support your explanation.

Key aspect 1: _____

Explanation: _____

_____ (2.5)

Key aspect 2: _____

Explanation: _____

_____ (2.5)

Key aspect 3: _____

Explanation: _____

_____ (2.5)

Key aspect 4: _____

Explanation: _____

_____ (2.5)

Please turn the page.

Question 8

K8 (3 marks)

Identify **SIX** life events that some patients might have experienced throughout their life.

Life Event 1: _____ (0.5)

Life Event 2: _____ (0.5)

Life Event 3: _____ (0.5)

Life Event 4: _____ (0.5)

Life Event 5: _____ (0.5)

Life Event 6: _____ (0.5)

Question 9

K7 (6 marks)

Choose **THREE** of the life factors mentioned below and outline **TWO** ways 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: _____

_____ (2)

Life Factor 2: _____

Answer 2: _____

_____ (2)

Life Factor 3: _____

Answer 3: _____

_____ (2)

SECTION E

Case Scenario 5

Another patient has just been admitted. The patient is overweight and Paul asked Mary what could be done so that the patient adopts a healthier lifestyle.

Question 10

K9 (8 marks)

Keeping the case scenario above in mind outline what needs to be done for the following components so that patient adopts a healthier lifestyle.

Component: Physical fitness

Answer 1: _____

_____ (2)

Component: Balanced diet

Answer 2: _____

_____ (2)

Component: Intellectual stimulation

Answer 3: _____

_____ (2)

Component: Emotional and social well-being

Answer 4: _____

_____ (2)

Question 11

A3 (16 marks)

The client mentioned above said she would like some help to lose weight. This is what she said:

- She finds it very hard to decide which food is healthy and which is not.
- She does not do any physical exercise.
- She enjoys smoking and drinking alcohol.
- She feels uncomfortable with her body and feels ashamed going out in public.
- She lives on social benefits.
- Her husband passed away and she has three young children to care for.

Looking at the above information, assess what are the client's needs by writing each need under the appropriate heading.

Physical: _____

_____ (2.5)

Intellectual: _____

_____ (2.5)

Emotional: _____

_____ (2.5)

Social: _____

_____ (2.5)

This question continues on the next page.

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

Need	Goal (What are you trying to achieve?) (1 mark each)	Steps to reach goal (1 mark each) Please write 5 steps how to reach the goal mentioned
i.		
ii.		
iii.		

(6)