



**L-Università
ta' Malta**

MATRICULATION AND SECONDARY EDUCATION CERTIFICATE
EXAMINATIONS BOARD

**SECONDARY EDUCATION CERTIFICATE LEVEL
2021 MAIN SESSION**

SUBJECT:	Health and Social Care
PAPER NUMBER:	Controlled – Unit 1
DATE:	22 nd May 2019
TIME:	10:00 a.m. to 11:35 a.m.

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

Name of candidate _____

I.D. number _____

School _____

Class _____

Answer **ALL** questions in the space provided.

SECTION A

Case Scenario 1

- Aisha is a baby of 4 months.
- She is the daughter of Karima, an asylum seeker who had to escape her birth country due to war.
- Aisha will never know her father because he lost his life on his journey towards Malta.
- Aisha needed regular medical checkups to check that her organs were all functioning well, following serious health problems she encountered.

Question 1

K2 (4 marks)

Below are the pictures of four key organs (together with their name) that seem to be affecting Aisha’s health. State the main system in which the organ is found and outline **THREE** main functions of each system.

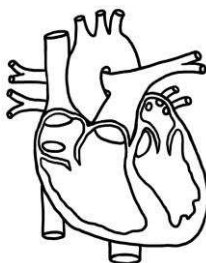


Figure 1: Heart

(Taken from <http://clipart-library.com>)

Main system in which the organ is found: _____ (0.25)

Outline **THREE** main functions of the system:

(0.75)

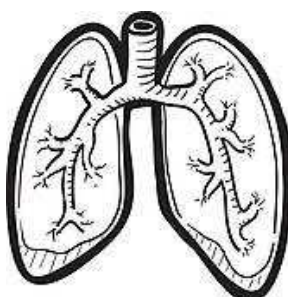


Figure 2: Lungs

(Taken from <https://www.gograph.com>)

Main system in which the organ is found: _____ (0.25)

Outline **THREE** main functions of the system:

(0.75)

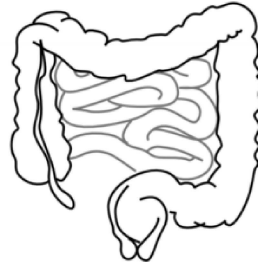


Figure 3: Intestines

(Taken from <http://clipart-library.com>)

Main system in which the organ is found: _____ (0.25)

Outline **THREE** main functions of the system:

(0.75)

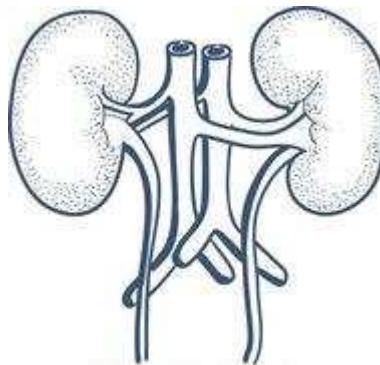


Figure 4: Kidneys

(Taken from <http://clipartstation.com>)

Main system in which the organ is found: _____ (0.25)

Outline **THREE** main functions of the system:

(0.75)

Question 2

C2 (6 marks)

Karima, Aisha’s mum decided to go for a check up since she was not feeling very well. The doctor took her vital sign readings. He found that the temperature, pulse, blood pressure and breathing rate readings were outside the normal range. Explain **ONE** common reason for **EACH** why this could have happened.

a. Pulse

(1.5)

b. Breathing Rate

(1.5)

c. Blood Pressure

(1.5)

d. Temperature

(1.5)

Question 3

K9 (4 marks)

Karima wishes to breastfeed Aisha. The midwives told her that in order to do so, it is important to maintain a healthy lifestyle. Outline **FOUR** components of a healthy lifestyle, which Karima should follow.

Component 1: _____

(1)

Component 2: _____

(1)

Component 3: _____

(1)

Component 4: _____

(1)

Question 4

C3 (6 marks)

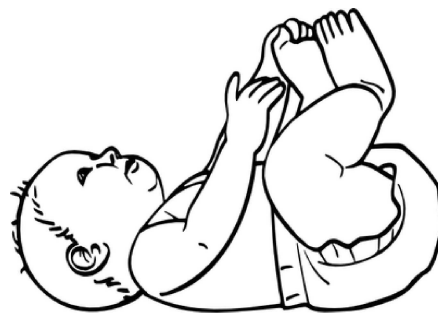


Figure 5: Infant

(Taken from <http://clipart-library.com>)

Aisha is in her infancy life stage. Explain **FOUR** key aspects of human growth and development in this specific life stage for each of the following.

Question continues on next page.

a. Physical development: _____

_____ (2)

b. Intellectual development: _____

_____ (2)

c. Emotional development: _____

_____ (2)

Question 5

K7 (4 marks)

Karima was doing her best in raising Aisha up. Outline the different life factors present in Karima’s situation that might influence Aisha’s health and wellbeing. In your answer include **TWO** factors for **EACH** of the below.

a. Socio-economic factors: _____

_____ (1)

b. Physical factors: _____

_____ (1)

c. Lifestyle factors: _____

_____ (1)

d. Health factors: _____

_____ (1)

Question 6

C4 (6 marks)

Explain how the following factors in Karima’s life, might affect Aisha’s everyday needs.

Factor 1: Socio-economic

Explanation: _____

_____ (2)

Question continues on next page.

Factor 2: Physical

Explanation: _____

_____ (2)

Factor 3: Lifestyle

Explanation: _____

_____ (2)

Question 7

K8 (4 marks)

Identify **FOUR** life events that might have influenced Karima's (Aisha's mother) health and wellbeing.

- a. _____ (1)
- b. _____ (1)
- c. _____ (1)
- d. _____ (1)

Question 8

K10 (4 marks)

When Aisha was not feeling well, the doctor explained to Karima how she should administer Aisha's medication. The doctor told her that she must give Aisha 5ml of her medication 3 times a day, in the morning, afternoon and evening. The doctor stated that the medication needs to be given for a full week and that it has to be administered as follows: drops directly in the child's mouth or drops mixed with milk.

In view of the above, the doctor's plan is SMART. Choose **FOUR** out of the five components found in the box below and describe how the above plan is SMART.

Specific; Measurable; Achievable; Realistic; Time-Related

Component 1: _____

Description: _____

_____ (1)

Component 2: _____

Description: _____

_____ (1)

Component 3: _____

Description: _____

_____ (1)

Component 4: _____

Description: _____

_____ (1)

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