



SUBJECT: **Health and Social Care**
 PAPER NUMBER: Synoptic – Unit 2
 DATE: 4th November 2024
 TIME: 11:30 a.m. to 1:35 p.m.

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

For examiners' use only:

Question	1	2	3	4	5	6	7	8	Total
Score									
Maximum	6	8	12	8	8	12	8	8	70

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

Section A: Anatomy and Physiology of the Human Body.

Scenario 1

During a Health and Social Care lesson, the teacher is explaining organs and the main body systems.

Question 1

K-2 (6 marks)

- a. List **FOUR** main systems of the human body. Write the answers below. (2)
- b. Identify from the list provided below **ONE** organ that forms part of **EACH** of the systems listed. (2)

heart	lungs	brain	intestines	kidneys
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Main system 1: _____

Organ: _____

Main system 2: _____

Organ: _____

Main system 3: _____

Organ: _____

Main system 4: _____

Organ: _____

- c. Outline **TWO** of the main systems listed above together with their main function.

6

(2)

Question 2

K-3 (8 marks)

a. Name the **FOUR** vital signs.

Vital Sign 1: _____(0.5)

Vital Sign 2: _____(0.5)

Vital Sign 3: _____(0.5)

Vital Sign 4: _____(0.5)

b. Determine from the below readings which are the normal ranges of the vital signs for an adult. Strike off the wrong answer.

80/50mmHg to 110/80mm Hg
90/60mmHg to 140/90mm Hg
36°C to 37.5°C
16°C to 27.5°C
60 to 100 beats per minute
50 to 85 beats per minute
20 to 35 breaths per minute
12 to 20 breaths per minute

(2)

c. Interpret whether the readings provided in the nursing observation sheet below are high, low or within expected range.

Reading	High / Low / Within expected range
95/65mmHg	
35°C	
120 beats per minute	
25 breaths per minute	

(4)

8

Please turn the page.

Section B: Health and Safety.

Scenario cont.

- During one of the lessons, a Health and Safety Officer was a guest speaker.
- The speaker is explaining hazards one may encounter in the Health and Social Care field.

Question 5

K-5 (8 marks)

a. List **FOUR** different hazards that can be found in a Health and Social Care environment.

Hazard 1: _____(0.5)

Hazard 2: _____(0.5)

Hazard 3: _____(0.5)

Hazard 4: _____(0.5)

b. Describe **TWO** of the Hazards you listed in Question 5a. In your description include an associated risk for each.

Description 1: _____

_____ (1)

Description 2: _____

_____ (1)

c. • The Health and Safety officer gave the students a group task about safety measures at a childcare centre.
• He spoke about things that may cause cuts, drinking wrong substances, falls and bumps. Identify **FOUR** safety measures to keep in mind when planning a playroom for infants.

Measure 1: _____

_____ (1)

Measure 2: _____
 _____ (1)

Measure 3: _____
 _____ (1)

Measure 4: _____
 _____ (1)

8

Question 6

C-3 (12 marks)

- a. • The following are scenarios in a hospital setting.
 • A number of actions are being taken to conform with legislation.
 Match the scenarios to the different legislation by drawing a line.

	Scenario
i.	The hospital is checking that all the signs are visibly installed.
ii.	The hospital constantly checks that they have enough equipment, including surgical masks, shoe coverings and disposable gowns.
iii.	In the virus inspection laboratory, workers are not allowed to consume food and drink. When they want to consume food and drink, they must go in the kitchenette.
iv.	The hospital is checking that all hoists and hospital beds are working.

Legislation
LN 228 of 2003: Protection of Workers from Risks related to Exposure to Biological Agents at Work Regulations.
LN 35 of 2003: Protection against Risks of Back Injury at Work Placement Regulations.
LN 121 of 2003: Minimum Requirements for the use of Personal Protective Equipment at Work Regulations.
LN 199 of 2015: Work Place (Provision of Health and /or Safety Signs Amendment) Regulations

(4)

- b. List **TWO** responsibilities of the employer and the employee in relation to Health and Safety legislation.

Responsibilities of Employer.

Responsibility 1: _____
 _____ (1)

This question continues on next page.

Question 8

K-10 (8 marks)

Apart from having a well-stocked first-aid box, it is also important to ensure that staff are aware of what to do in an emergency.

a. Outline **TWO** reasons why it is important to work in a team in an emergency situation.

Reason 1: _____
 _____ (1)

Reason 2: _____
 _____ (1)

b. State the **FIVE** points of information needed when calling for help in an emergency situation.

i. _____
 _____ (0.4)

ii. _____
 _____ (0.4)

iii. _____
 _____ (0.4)

iv. _____
 _____ (0.4)

v. _____
 _____ (0.4)

c. Identify **FOUR** situations from the ones provided below which one would require someone to call for help from a health care professional.

cardiac arrest	falls	paper cut	fractures
fever	nosebleed	bleeding	upset stomach

Situation 1: _____ (1)

Situation 2: _____ (1)

Situation 3: _____ (1)

Situation 4: _____ (1)

8

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