Index Number: \_\_\_\_\_ SEC36/s2.22s



# MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD

#### SECONDARY EDUCATION CERTIFICATE LEVEL 2022 SUPPLEMENTARY SESSION

SUBJECT: Health and Social Care

PAPER NUMBER: Synoptic – Unit 2
DATE: 1<sup>st</sup> November 2022
TIME: 5:30 p.m. to 7:35 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	8	8	12	70

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

#### Section A:

- Petra is a nurse within a residence for persons who need long term care.
- She is employed to take care of any medical needs the residents may have.
- She may need to refer to the anatomy of the human body to understand the care they need.

Question 1				K-2 (	(6 marks)
a. List <b>FOUR</b> main systems of the hum	nan body.				
Main System 1:					(0.5)
Main System 2:					(0.5)
Main System 3:					(0.5)
Main System 4:					(0.5)
b. Identify from the list below, <b>ONE</b> or	gan for <b>EA</b> (	CH main system	m you listed	in a.	
Bones Lungs Pancreas	Heart	Stomach	Kidneys	Brain	Ovaries
Main System 1:					
Main System 1:					
Organ:					
Main System 2:Organ:					
-					
Main System 3: Organ:					
Main System 4:Organ:					
c. Outline <b>TWO</b> main systems of the h	uman bouy	. Make sure to	mention the	en mani n	inction.
					(2)

Question 2	K-3 (8 marks)
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a.	Apart from blood pressure and body temperature, name ${\bf TWO}$ other vital signs of the hubody.	man
	Vital sign 1:	_ (1)
	Vital sign 2:	_ (1)
b.	Determine the normal range of the following vital signs of an adult.	
	Blood Pressure:	
	Normal Range:	_(1)

c. Below are the readings of an adult and an older adult. Interpret whether these signs are High/Low or Within Expected Range.

Body temperature: \_\_\_\_\_

Normal Range: \_\_\_\_\_\_\_(1)

Adult		
Reading	High/ Low/ Within Expected Range	
100/70mmHg		
45 beats per minute		
25 breaths per minute		
37 °C		

Older Adult	
Reading	High/ Low/ Within Expected Range
190/100mmHg	
70 beats per minute	
25 breaths per minute	
35 °C	

2) 8

Q	uestion 3	C-2 (12 marks)
a.	Outline <b>FOUR</b> reasons why taking measurements of the vital signs is imp	oortant.
	Important reason 1:	
	Important reason 2:	
	Important reason 3:	
	Important reason 4:	
		(1)
b.	List <b>FOUR</b> reasons why the readings of the vital signs might not be within	
	Reason 1:	
	Reason 3:	
	Reason 4:	
c.	Explain <b>TWO</b> common reasons why the vital signs might not be within th	e acceptable range.
_		
_		

## Section B:

Petra noticed that some of the rooms at the residence are not completely safe.

Question 4 K-5 (8 marks)

a. List **FOUR** different types of hazards that might be found in Health and Social Care environments.

Hazard 1: \_\_\_\_\_\_(0.5)

Hazard 2: \_\_\_\_\_\_(0.5)

Hazard 3: \_\_\_\_\_\_(0.5)

Hazard 4: \_\_\_\_\_\_(0.5)

This question continues on next page.

b. Describe <b>TWO</b> hazards listed in Question 4a and mention <b>ONE</b> associated risk for <b>EACH</b> .	
Description 1:	_
	_
(	- 1 \
Description 2:	
	_
	_
	1)
NASTR.	

(Source: https://youtu.be/qUvFrxHx1-g)

c.	Keeping in mind the hazards found in the picture above, identify <b>FOUR</b> safety measures when designing a living room in a residential home.					
		_				
		_				
		_ 4)				

Question 5	K-7 (8 marks)
Petra realises that she could refer to Health & Safety legislations to	o help with the current situation.
a. Name <b>FOUR</b> Health and Safety legislations Petra could refer to	0.
Legislation 1:	(0.5)
Legislation 2:	(0.5)
Legislation 3:	(0.5)
Legislation 4:	(0.5)
b. Choose <b>TWO</b> of the legislations mentioned in Question 5a and	I state their main aim.
i	
ii	
<ul> <li>c. Outline how <b>FOUR</b> different Health and Safety legislation practices.</li> </ul>	ns promote Health and Safety

	(4)
Section C	
<ul> <li>Petra spends a lot of time with the residents.</li> <li>She notices that the care workers try to keep the residented</li> </ul>	nts active.
Question 6	K-8 (8 marks)
a. List <b>FOUR</b> activities of daily living.	
Activity of daily living 1:	(0.5)
Activity of daily living 2:	(0.5)
Activity of daily living 3:	(0.5)
Activity of daily living 4:	(0.5)
b. Mention <b>TWO</b> reasons why assessing activities of daily liv	ving is important.
Reason 1:	
Reason 2:	
	(+)

- c. Aiden is one of the service users within the residential home.
  - He suffered a stroke and uses a wheelchair.
  - He finds it difficult to feed himself since he cannot move his hand well.
  - Aiden also finds it hard to talk and express himself.

Identify <b>FOUR</b> supports needed by Aiden in carrying out his daily living activities independently	<b>'-</b>
	-
	_
	_
	_
	-
	-
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	-
	8
	1 0

Please turn the page.

- During Petra's working shift, one of the residents, Karen, had a heart attack.
- Petra and the rest of the staff are trained to work in a team during an emergency.

Question 7	K-10 (8 marks)
. Outline the importance of working in a team during an emergency reasons.	situation. Mention <b>TWO</b>
Reason 1:	
	(1)
Reason 2:	
	(1)
What are the <b>FIVE</b> pieces of information you need to know whe emergency situation.	n calling for help in an
i	
ii	
:::	
iii	
iv	
V	
	(0.4)
Karen hit her head with the bedside table and is unconscious. Another resident called Joe, tripped in his bedroom, was bleeding from pain in his leg.	
Identify <b>FOUR</b> situations in the scenario above why emergency has professional is required.	nelp from a health care
	(4) <b>(</b>

Question 8	C-5 (12 marks)
a. In the above emergency situation, identify the <b>FOUR</b> different can assume.	roles that different individuals
Role 1:	(1)
Role 2:	(1)
Role 3:	(1)
Role 4:	(1)
<ul><li>b. • Another resident, Maris, panicked, went to call for help and sta</li><li>• She fell and sprained slightly her ankle.</li></ul>	arted running.
Describe the procedure to treat a minor sprain.	
	(4)

•	Karen starts breathing but is still unconscious. Until the ambulance arrives, Petra places Karen in the recovery position.	
D	escribe the procedure of placing an unconscious person in the recovery position.	
-		
		1
	(4)	