Index Number: _____ SEAC02/s1.22s



MATRICULATION AND SECONDARY EDUCATION CERTIFICATE EXAMINATIONS BOARD

SECONDARY EDUCATION APPLIED CERTIFICATE LEVEL 2022 SUPPLEMENTARY SESSION

SUBJECT: Health and Social Care

PAPER NUMBER: Synoptic – Unit 1
DATE: 1st November 2022
TIME: 2:30 p.m. to 4:35 p.m.

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

For examiners' use only:

Question	1	2	3	4	5	6	Total
Score							
Maximum	6	8	8	12	8	8	50

Answer ALL questions in the space provided. You may answer either in English or in Maltese.

Scenario

- 'Smiley Kid' is a childcare centre.
- The manager of the childcare centre is doing interviews to employ new child carers.
- She is checking the knowledge of the applicants, following her notes.

Question 1	K-1 (6 marks)
a. List TWO key aspects of development of a baby (0-	3 years) for each of the following.
Physical Development	
Aspect 1:	(0.25)
Aspect 2:	(0.25)
Intellectual Development	
Aspect 1:	(0.25)
Aspect 2:	(0.25)
Emotional Development	
Aspect 1:	(0.25)
Aspect 2:	(0.25)
Social Development	
Aspect 1:	(0.25)
Aspect 2:	(0.25)
b. Outline the following needs of a baby.	
Physical need: Rest	
Intellectual need: Creativity	
	(0.5)
Emotional need: Affection	

(0.5)

DO NOT WRITE ABOVE THIS LINE

	(0.5)	
If a baby's development is delayed difficulties might arise. Describe ONE problem that might arise in each of the following skill groups.		
motor skills	communication skills	

Please turn the page.

Q	uestion 2	K-3 (8 marks)
a.	Provide a list of FOUR precautions that carers need to consider washing a baby.	when changing a nappy and
	Precaution 1:	(0.5)
	Precaution 2:	(0.5)
	Precaution 3:	(0.5)
	Precaution 4:	(0.5)
b.	Mention FOUR atypical signs that carers must look out for wl washing a baby.	hen changing the nappy and
	Sign 1:	(0.5)
	Sign 2:	(0.5)
	Sign 3:	(0.5)
	Sign 4:	(0.5)
	a baby. Outline FOUR of these practices.	
_		

		(4)
Qı	uestion 3	K-4 (8 marks)
а.	Distinguish between a RISK and a HAZARD .	
b.	Babies and young children can be exposed to risks and hazards. the hazards below.	Relate ONE risk for each of
	i) Stairs:	(0.5)
	ii) Sharp Objects:	(0.5)
	iii) Medication in reach:	(0.5)
	iv)Small Objects:	(0.5)

This question continues on next page.

8

c. Outline the missing key areas of a basic risk assessment for a Childcare centre by filling the

Diagram 1 below. You can give an example in your outline.
Identify the hazard: When identifying the hazard one must go round the area and see what can cause an injury like for example wet floor.
Decide who might be harmed: When going round see who can be hurt with the hazards found.
Describe how s/he may be harmed: If there is water on the floor the person can slip and get hurt.
Estimate the risk: The risk can be estimated as high, medium or low according to the likelihood of the harm expected.
(4)

Question 4 C-1 (12 marks)

a. From the pictures below identify **FOUR** requirements needed to make a room safe for young children



Taken from: https://blog.qrfs.com/

Requirement 1: ________(1)



Taken from: https://www.chop.edu/

Requirement 2: ______(1)



Taken from: https://www.cdc.gov/

Requirement 3: _______(1)

This question continues on next page.



Taken from: https://kidzclub.com.au/rooms/toddler-room/

Requirement 4:	(1
o. Describe TWO consequences for young children of a room	which is not safe.
Consequence 1:	
Consequence 2:	
	(2

c.	Discuss	the	following	TWO	ways	how	а	room	environment	could	be	modified	to	be	child-
	friendly.	ı													
	•														

Secure and safe environment	Multisensory environment
	_
	-
	1
	(4)

Question 5 K-6 (8 marks)

- The manager at the centre is thinking of expanding the business.
- She wants to open an after-school club for children and adolescents (4-18 years).
- a. List **TWO** key aspects of development of children and adolescents for **EACH** of the following:

Physical Development

Aspect 1: ______(0.25)

Aspect 2: ______(0.25)

Intellectual Development

Aspect 1: ______(0.25)

Aspect 2: ______(0.25)

Emotional Development

Aspect 1: ______(0.25)

Aspect 2: ______(0.25)

DO NOT WRITE ABOVE THIS LINE

Social Development	
Aspect 1:	(0.25)
Aspect 2:	(0.25)
o. Outline ONE need of children and adolescents for EACH of	f the PIES.
Physical need: Balanced diet	
	(0.5)
Intellectual need: Exploration	
Emotional need: Love	
Social need: Participation in activities	
c. Describe FOUR problems that may arise in children and ad	olescents if development is delayed.

Question 6 K-8 (8 marks)

The manager at the childcare centre believes it is important for workers to know the vital signs.

a. Name the other **TWO** vital signs of the human body.

Vital sign 1: pulse

Vital sign 2: temperature

Vital sign 3: ______(1)

Vital sign 4: ______(1)

b. One of each of the normal readings (at rest) given is that of a baby. Determine the normal range by crossing out the wrong reading.

Readings					
95 beats per minute	170 beats per minute				
35°C	37 °C				
100/80 mm HG	70/40 mm HG				
18 breaths per minute	25 breaths per minute				
		(2)			

(2)

8

This question continues on next page.

c. Below are the readings of a baby and an adult. Interpret whether these are HIGH, LOW or WITHIN RANGE.

Baby				
Reading	HIGH/LOW/WITHIN RANGE			
100 beats per minute				
36.5°C				
70/45mmHg				
40 breaths per minute				

Adult	
Reading	HIGH/LOW/WITHIN RANGE
120 beats per minute	
35°C	
160/100mmHg	
18 breaths per minute	

(4)