



**L-Università
ta' Malta**

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

_____ (0.5)

Intellectual need: Creativity

_____ (0.5)

Emotional need: Affection

_____ (0.5)

Question 2

K-3 (8 marks)

a. Provide a list of **FOUR** precautions that carers need to consider when changing a nappy and washing a baby.

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 when changing the nappy and washing a baby.

Sign 1: _____ (0.5)

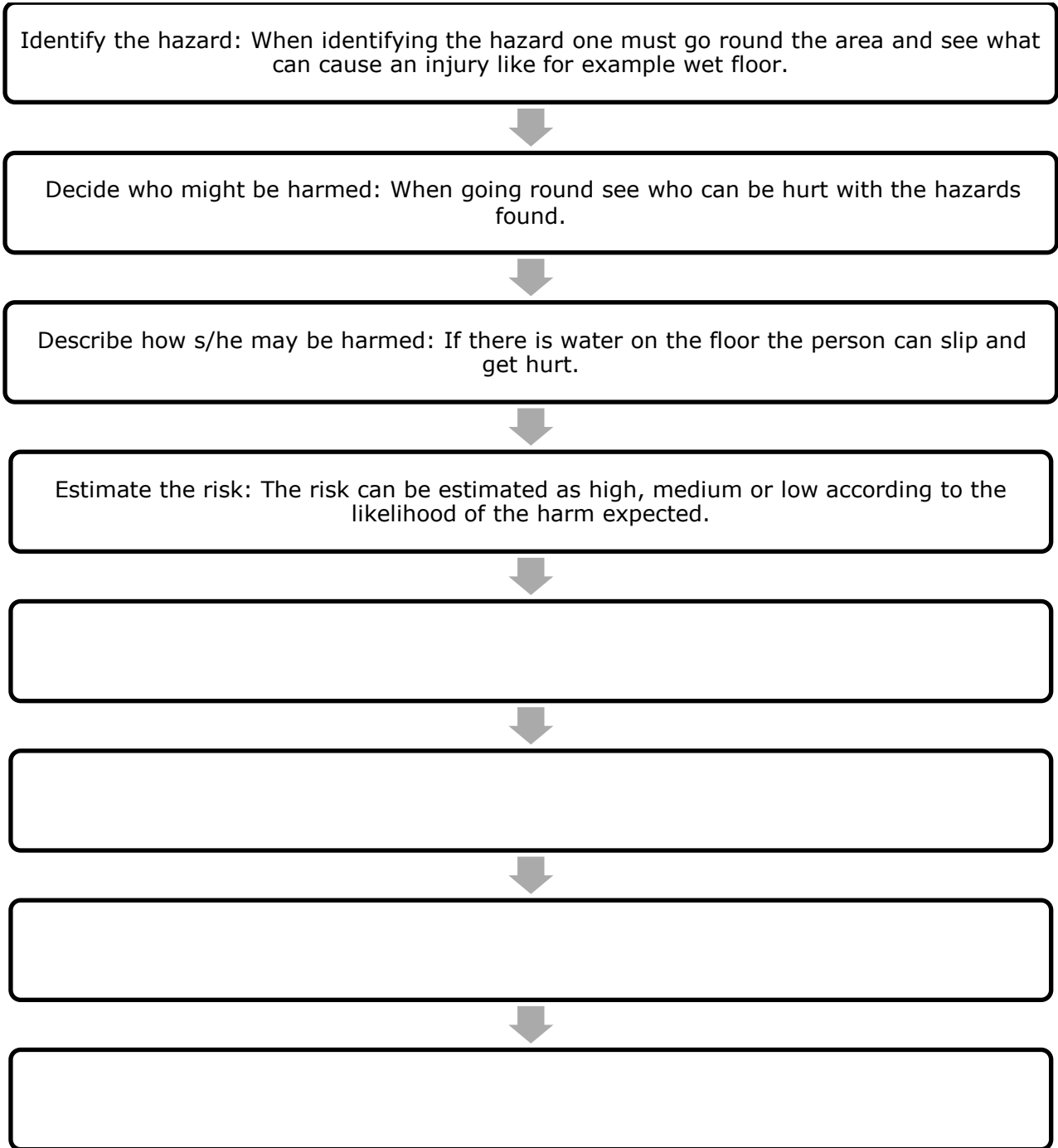
Sign 2: _____ (0.5)

Sign 3: _____ (0.5)

Sign 4: _____ (0.5)

c. It is important to use infection preventative and control practices when changing and washing a baby. Outline **FOUR** of these practices.

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.



(4)

8

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)

b. Describe **TWO** consequences for young children of a room which is not safe.

Consequence 1: _____

_____ (2)

Consequence 2: _____

_____ (2)

Social Development

Aspect 1: _____ (0.25)

Aspect 2: _____ (0.25)

b. Outline **ONE** need of children and adolescents for **EACH** of the PIES.

Physical need: Balanced diet

_____ (0.5)

Intellectual need: Exploration

_____ (0.5)

Emotional need: Love

_____ (0.5)

Social need: Participation in activities

_____ (0.5)

c. Describe **FOUR** problems that may arise in children and adolescents if development is delayed.

8

(4)

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)

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)

8