

NCFE

CACHE

NCFE CACHE Level 3 Extended Diploma in Health and Social Care (Adults) (Northern Ireland) (603/5355/7)

NCFE CACHE Technical Level 3 Extended Diploma in Health and Social Care (601/8435/8)

Unit title: Anatomy and physiology for health and social care

Assessment code: **HSCNI/SAE**

Paper number: **Past Paper**

Assessment date: **Thursday 18 January 2024**

Time allowed: **1 hour 30 minutes**

Time: **9.00am – 10.30am**

Learner instructions

- Use black ink.
- Answer **all** questions.
- Read the scenario and each question carefully.
- You **must** write your responses in the spaces provided.
- You may do rough work in this answer book. Cross through any work you do not wish to be marked.
- If you use a supplementary answer booklet, you must add your learner name, learner number and centre number to the front cover of the booklet. Insert your supplementary answer booklet inside this question paper at the end of your test.
- All of the work you submit **must** be your own.

Learner information

- The marks available for each question are shown in brackets.
- The maximum mark for this paper is 80.

Do not turn over until the invigilator tells you to do so.

Please complete / check your details below

Learner Name:

Centre Name:

Learner Number:

Centre Number:



Section A

This section has a possible 20 marks.

Answer **all** questions in the spaces provided.

1 (a) Identify the piece of equipment used to measure temperature.

[1 mark]

- A Pulse Oximeter
- B Sphygmomanometer
- C Stethoscope
- D Thermometer

Answer _____

1 (b) Identify the type of consent required to carry out this procedure **and** describe what is meant by this type of consent.

[4 marks]

Identification _____

Description _____



1 (c) Statins and inhalers are two medications that have an effect on physiological measurements.

Identify **two (2) other** medications that have an effect on physiological measurements **and** explain the effects on physiological measurements of **one (1)** of the medications identified.

[5 marks]

1 _____

2 _____

Explanation _____

Question 1 continues on the next page.

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1 (e) Identify **four (4)** structures in the urinary system.

[4 marks]

1 _____

2 _____

3 _____

4 _____

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2 (b) The heart contains **four (4)** valves that assist it to function correctly.

Name these **four (4)** valves.

[4 marks]

1 _____

2 _____

3 _____

4 _____

2 (c) One circulatory pathway is the systemic pathway.

Name the **other** circulatory pathway **and** explain the function of this pathway.

[4 marks]

Name _____

Function _____

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3 (c) The ovaries and vagina are two structures of the female reproductive system.

Name **two (2) other** structures of the female reproductive system.

[2 marks]

1 _____

2 _____

3 (d) Name the **two (2)** hormones produced by the ovaries **and** explain the function of **one (1)** of the hormones named.

[4 marks]

1 _____

2 _____

Explanation _____

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Section D

This section has a possible 20 marks.

Answer **all** questions in the spaces provided.

4 (a) Which **one (1)** of the following is a muscle in the human body?

[1 mark]

- A** Femur
- B** Patella
- C** Quadricep
- D** Tendon

Answer _____

4 (b) One type of muscle is smooth muscle.

Name the **other two (2)** types of muscle **and** describe **one (1)** of the types of muscle named.

[4 marks]

1 _____

2 _____

Description _____

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4 (d) The skeletal system can be separated into two specific sections of skeleton.

Name these **two (2)** sections of the skeletal system.

[2 marks]

1 _____

2 _____

4 (e) Name the response mechanism activated by stress **and** explain the effect it can have on physiological measurements.

[3 marks]

Response mechanism _____

Explanation _____

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4 (f) The skin helps the body cool when it gets too hot.

Identify **two (2)** mechanisms in the skin that help the body cool **and** explain how **one (1)** of the mechanisms identified achieves this.

[4 marks]

1 _____

2 _____

Explanation _____

This is the end of the external assessment.

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To be completed by the examiner

Question	Mark	Question	Mark
1 (a)		3 (b)	
1 (b)		3 (c)	
1 (c)		3 (d)	
1 (d)		4 (a)	
1 (e)		4 (b)	
2 (a)		4 (c)	
2 (b)		4 (d)	
2 (c)		4 (e)	
3 (a)		4 (f)	
		TOTAL MARK	

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