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3625-532 MARCH 2022
Level 3 Advanced Technical Extended Diploma in Health and Care (1080)

Level 3 Health and Care – Theory exam (2)

If provided, stick your candidate barcode label here.

Wednesday 2 March 2022
13:30 – 15:30

Candidate name (first, last)

First

Last

Candidate enrolment number

Date of birth (DDMMYYYY)

Gender (M/F)

Assessment date (DDMMYYYY)

Centre number

Candidate signature and declaration*

- If additional answer sheets are used, enter the additional number of pages in this box. ➡ 0 0
- Before taking the examination, **all candidates** must check that their barcode label is in the appropriate box. Incorrectly placed barcodes may cause delays in the marking process.
- Please ensure that you staple additional answer sheets to the **back** of this answer booklet, clearly labelling these with your full name, enrolment number, centre number and qualification number in BLOCK CAPITALS.
- All candidates need to use a **black/blue** pen. **Do not** use a pencil or gel pen, unless otherwise instructed.
- If provided with source documents, these documents **will not** be returned to City & Guilds, and will be shredded. Do not write on the source documents.

***I declare that I had no prior knowledge of the questions in this examination and that I will not divulge to any person any information about the questions.**

You should have the following for this examination
- a pen with blue or black ink

General instructions
- Use black or blue ball-point pen.
- The marks for questions are shown in brackets.
- This examination contains **15** questions. Answer **all** questions.
- Answer the questions in the spaces provided. Answers written in margins or on blank pages will **not** be marked.
- Cross through any work you do not want to be marked.

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1 Name the body system responsible for embryonic development. (1 mark)

2 Describe the structure of the nervous system. (5 marks)

3 Describe the function of mitochondria of a simple cell. (2 marks)

4 Name the sociological perspective that focuses on **each** of the following:

a) the perspective of patients, medical encounters, doctor-patient communication and labelling. (1 mark)

b) inequalities caused by a capitalist society. (1 mark)

5 The local health authority has decided to cut funding for a mental health service provider in the community.
Explain the impact of reduced service provision on the health and wellbeing of individuals with mental health issues. (4 marks)

6 Explain the 'biomedical view' of alternative therapies as treatment for disease. (4 marks)

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7 Edith is 79 years old. She has lived in a small village in a rural area all her life. She did not attend secondary school and has always worked on the family farm. She recently fell and broke her arm which may indicate brittle bone disease.

Explain **two** demographic factors that may influence Edith's health and wellbeing. (4 marks)

8 Explain how the cognitive approach can be used to treat obsessive behaviour. (4 marks)

9 Describe how the biopsychosocial approach leads to integrated care. (2 marks)

10 Name the stage of mitosis for **each** of the following:

a) Chromosomes line up along the centre. (1 mark)

b) The Chromosomes are not visible; chromosomes make a copy of themselves. (Parent cell). (1 mark)

c) Chromosomes become hard to see; cells split and two nuclear membranes form. (Two daughter cells). (1 mark)

d) Copies of chromosomes fasten together; nuclear membrane disappears. (1 mark)

e) Chromosomes split apart and are pulled to opposite ends of cells. (1 mark)

11 a) Define the term 'parasite'. (1 mark)

b) State **two** negative impacts of a parasite. (2 marks)

c) Explain **two** ways the negative impact of parasites can be reduced. (4 marks)

12 Name the **three** types of muscle contraction for body movement. (3 marks)

13 State **one** condition which may have genetic links for **each** of the following systems:

a) endocrine system. (1 mark)

b) lymphatic system. (1 mark)

c) nervous system. (1 mark)

14 Describe the use of a 'pulse oximeter'. (2 marks)

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15 Janine is 18 years old and has spent most of her life in care. She is now living alone, single and has just found out she is pregnant. The midwife is trying to provide Janine with advice about potential support and the need to adopt healthy lifestyle choices.

Discuss how Janine's health and wellbeing could be improved during and after her pregnancy. (12 marks)

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End of examination