



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. 
- 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.



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: (1 mark)

a) Chromosomes line up along the centre.

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: (1 mark)

a) endocrine system.

b) lymphatic system. (1 mark)

c) nervous system. (1 mark)

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