



0173-509 MARCH 2022

Level 3 Technicals in Land and Wildlife Management

Level 3 Land and Wildlife Management – Theory exam (2)

If provided, stick your candidate barcode label here.

**Tuesday 15 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.



1 Name the **three** major types of rock. (3 marks)

2 State **three** factors that are required to enable photosynthesis to take place. (3 marks)

3 Sand, silt and clay particles form the mineral element of soil.
a) State which mineral element of soil has the largest particles. (1 mark)

b) State which mineral element of soil can **most** easily be rolled into a thin sausage shape between the fingers. (1 mark)

4 Name **two** types of precipitation in relation to the hydrological cycle. (2 marks)

6 Explain how the activity of hill walking can affect environmental processes in the locality. (6 marks)

7 With reference to the physical properties of water, explain why the temperature in a body of water is slow to rise in hot weather. (2 marks)

8 Name **four** National Vegetation Classification (NVC) woodland communities. (4 marks)

12 Name **three** biotic factors which influence metapopulations. (3 marks)

13 Describe **four** factors to consider when selecting sampling and survey methods, when undertaking flora surveys. (4 marks)

14 Explain why, in **most** animal species, females are more selective than males when choosing a mate. (2 marks)
