



**0173-511 MARCH 2019**

**Level 3 Technicals in Land and Wildlife**

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

If provided, stick your candidate barcode label here.

**Thursday 14 March 2019  
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 17 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 State how atmospheric pressure is affected by increasing altitude. (1 mark)

---

---

2 State how igneous rock is formed. (1 mark)

---

---

3 Sand, silt and clay particles form the mineral element of soil.  
a) Identify which **one** of these three particles is the smallest in size. (1 mark)

---

b) Identify which **one** of these three particles feels gritty when rubbed between your fingers. (1 mark)

---

c) Explain why a loam soil is productive. (5 marks)

---

---

---

---

---

---

---

---

---

---

4 Explain how Wildfowl centres affect local environmental processes. (3 marks)

---

---

---

---

---

5 State the **legal status** of **one** named aquatic mustelid. (2 marks)

---

---

6 Identify **two** key characteristics of a fox's footprint. (2 marks)

---

---

7 Explain how the Larsen trap takes advantage of the Carrion Crow's breeding behaviour. (4 marks)

---

---

---

---

---

---

8 Describe **four** non-lethal methods for protecting newly released pheasant poults from mammalian predators. (4 marks)

---

---

---

---

---

---

---

---

---

---

9 Name **three** components of a cartridge. (3 marks)

---

---

---

10 Describe **one** precaution that should be taken to avoid ricochet in relation to rifle shooting. (1 mark)

---

---

11 Explain **three** factors that would affect the trajectory of a rifle bullet. (6 marks)

---

---

---

---

---

---

---

---

---

---

---

---

12 State the differences between a single stage and a hair trigger on a rifle. (2 marks)

---

---

---

13 State **three** physical differences between male and female mallard duck which aid identification. (3 marks)

---

---

---

14 Grey Partridge and Grouse will form strong pair bonds.  
Name the technical term for this breeding strategy. (1 mark)

---

15 Describe **three** key requirements of newly hatched pheasant chicks in the wild. (6 marks)

---

---

---

---

---

---

---

---

---

---

16 Describe **when** and **how** a pair count should be undertaken for Grouse. (2 marks)

---

---

---





