



0173-511 MARCH 2018

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 15 March 2018
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 any additional answer sheets are used, enter the additional number of pages in this box.

• Please ensure that you **staple** additional answer sheets to the **back** of this answer booklet, clearly labelling them 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.

• 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 assessment 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
- calculator

General instructions

- Use black or blue ball-point pen.
- The marks for questions are shown in brackets.
- This examination contains 11 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 a) Give **one** example for intrusive igneous rock. (1 mark)

b) Name the **three** different sized mineral particles in soils. (3 marks)

c) State **two** ways how erosion affects soil composition. (2 marks)

5 a) Name the parts of the shotgun labelled A and B in Figure 2. (2 marks)

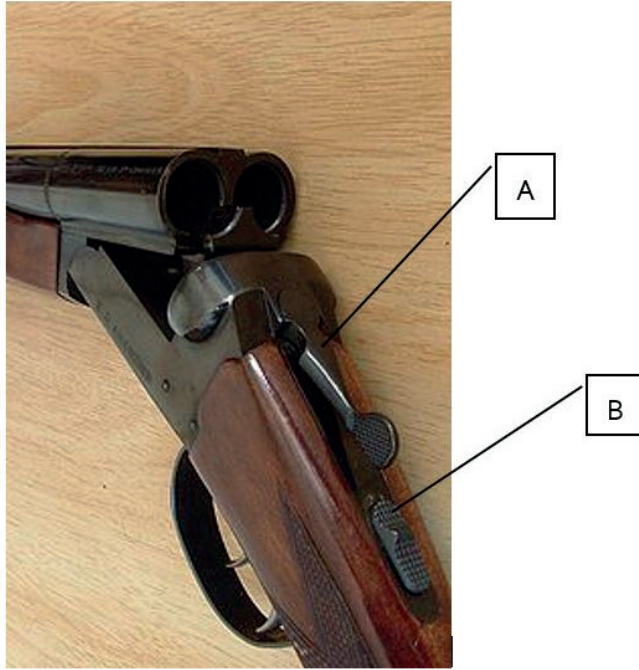


Figure 2

b) Explain how chokes in a shotgun affect the pattern of shot **and** therefore the effective killing range of a shotgun. (4 marks)

6 a) Explain the dimensions 6.5 x 55 as used when describing a rifle calibre. (3 marks)

b) The adjustments on a rifle scope change the point of aim by 1 cm for each click at 100 m. If a rifle is shooting low by 2 cm at 25 m, calculate how many clicks up are required to zero the rifle. You must show your working. (3 marks)

7 Name **two** species of geese found in the UK. (2 marks)

8 a) State the month in which grey partridges would normally start to pair-up. (1 mark)

b) State what population data is obtained from a summer brood count. (1 mark)

9 Explain how the breeding strategy of the pheasant differs from that of the red grouse. (4 marks)

10 For a named gamebird species, explain a habitat management technique that can increase the number of breeding territories. (4 marks)
