0171-510 JUNE 2018
Level 3 Advanced Technical Extended Diploma in Agriculture (Livestock)
Level 3 Agriculture – Theory exam (2)

If provided, stick your candidate barcode label here.

Friday 15 June 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

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. List **three** livestock management topics that should be considered within a livestock health plan. For **each** topic, give **one** example. (6 marks)

2. State the normal rectal temperature range of an adult sheep. (2 marks)

3. Describe the potential impact of a zoonotic disease on the farming business. (4 marks)
4. Describe **four** ways the digestive system of a chicken differs from that of a pig. (4 marks)

5. a) Name **three** types of blood vessel. (3 marks)

b) State the function of **each** of the blood vessels named in 5a). (3 marks)
6  a) Name three digestive disorders in livestock. (3 marks)

b) State one cause of each of the digestive disorders named in 6a). (3 marks)

7  State four factors that influence the quantity of waste on a farm. (4 marks)
8 Explain how Nitrate Vulnerable Zone regulations guide the farmer with the storage and application of farmyard manure or slurry. (6 marks)
9 Explain the importance of completing the following pre start checks on an ATV or RTFL.
   a) Tyre pressure. (2 marks)

   b) Fluid levels. (2 marks)

10 List six points to consider when completing a risk assessment for operating an
    ATV or RTFL. (6 marks)
A livestock farm has biosecurity issues.

Discuss suitable standard operating procedures to maintain biosecurity and minimise risk to animal health. (12 marks)