

## **ANIMAL HUSBANDRY (ALTERNATIVE B)**

*For candidates in Nigeria only*

### **EXAMINATION SCHEME**

There will be three papers, Papers 1, 2 and 3 all of which must be taken. Papers 1 and 2 will be a composite paper to be taken at one sitting.

- PAPER 1:** Will consist of forty multiple choice questions all of which should be answered within 40 minutes for 40 marks.
- PAPER 2:** Will consist of six essay questions drawn from the entire syllabus. Each question carries 20 marks. Candidates will be required to answer four questions within 2 hours for a total of 80 marks.
- PAPER 3:** Will be a practical paper for school candidates and a test of practical work paper for private candidates. Each version will consist of four questions all of which should be answered within 1½ hours for 60 marks.

### **SAMPLE QUESTIONS**

#### **PAPER 1** **(OBJECTIVE)**

- Which of the following products could be obtained from pigs?
  - Bacon
  - Chevon
  - Ham
  - I and II only
  - I and III only
  - II and III only
  - I, II and III
- Which the following farm animals is **not** a ruminant?
  - Cattle
  - Sheep
  - Goat
  - Rabbit

3. Male reproductive hormones include
- A. oxytocin.
  - B. oestrogen.
  - C. relaxin.
  - D. testosterone.
4. Which of the following organs is associated with excretion in farm animals?
- A. Pancreas
  - B. Small intestine
  - C. Kidney
  - D. Oesophagus
5. The period from *conception* to *parturition* in livestock is known as
- A. *lactation*.
  - B. *fertilization*.
  - C. *ovulation*.
  - D. *gestation*.

**PAPER 2**  
**(ESSAY)**

1. (a) List **three** organs associated with each of the following body systems:
- (i) *excretory*;
  - (ii) *digestive*;
  - (iii) *reproductive*. [9 marks]
- (b) Explain briefly the **major** function of **each** system named in (1) (a) above [6 marks]
- (c) Discuss *newcastle* disease of poultry under the following headings:
- (i) causative agent; [1 mark]
  - (ii) **two** symptoms; [2 marks]
  - (iii) **two** preventive measures. [2 marks]
2. (a) Mention **six** ways in which farm animals are important to the economy of West Africa. [6 marks]
- (b) (i) State **two** classes of farm animals. [2 marks]
- (ii) Give **three** examples of animals in each class stated in (b) (i) above [6 marks]
- (c) Outline the process of egg formation in a hen. [6 marks]
3. (a) Mention **seven** industrial raw materials that could be obtained from farm animals. [7 marks]
- (b) State **seven** ways of caring for a pregnant cow. [7 marks]

(c) Define the following terms as used in animal husbandry:

- (i) *steaming up*;
- (ii) *dystocia*;
- (iii) *flushing*.

[6 marks]

### **PAPER 3**

#### **(PRACTICAL)**

*(Instruction)*

Specimens: A – Cow dung; B – Egg; C – Animal skin

1. (a) Identify specimens **A**, **B** and **C**. [ 3 marks ]  
(b) Mention **four** uses of specimen **A** in agriculture [ 4 marks ]  
(c) State **four** ways of disposing specimen A [ 4 marks ]  
(d) State **four** effects of improper disposal of specimen A. [ 4 marks ]
2. (a) State **eight** benefits of producing specimen **B**. [ 8 marks ]  
(b) Mention **four** products that could be obtained from specimen **B**. [ 4 marks ]  
(c) Name **three** diseases associated with specimen **C**. [ 3 marks ]