

FOCUS A365

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FORM 3 TERM 1 Agriculture pp2 EXAMINATIONS 2018

NAME: _____ ADM NO: _____ CLASS: _____

INSTRUCTIONS TO CANDIDATES:

- (i) Write your name and Index number in the spaces provided above.
- (ii) This paper consists of **THREE** sections A, B and C.
- (iii) Answer **ALL** questions in Section A and B.
- (iv) Answer any **TWO** questions in section C.
- (v) Answers should be written in spaces provided.
- (vi) Candidates should check the question paper to ascertain that all the pages are printed as indicated and no questions are missing.

FOR EXAMINER'S USE ONLY

| SECTION | QUESTION | MAX. SCORE | CANDIDATE SCORE |
|---------|------------------------|------------|-----------------|
| A | 1 – 19 | 30 | |
| B | 20 – 22 | 20 | |
| C | 23-25 | 20 | |
| | | 20 | |
| | Total Score | 90 | |

SECTION A (30 MARKS)

Answer ALL Questions in the Spaces Provided

1. State the functions of the following tools:

a. Splicing tool.....

(½mk)

b. Wire strainer

(½mk)

2. Name a pig breed with the following features White body colour , erect ears, dished snout, big in body size. (1mks)

3. What does the term '**epistasis**' mean in livestock improvement?
(1mks)

4. Give four reasons of treating timber before roofing farm buildings (2mks)

5. Give **two** parasites of cattle which are also disease vectors (1mks)

6. Give four structural requirements of a pig house (2mks)
7. Name a breed of Rabbit which give high quality fur. (1mks)
8. State **four** maintenance practices carried on a wheelbarrow. (2mks)
9. Give **three** light breeds of poultry. (1½mks)
10. State **four** characteristics of succulent roughages (2mk)
11. Outline **four** harmful effects of lice in livestock production (2mks)

12. Give **two** examples of three host ticks that attack livestock. (1½mk)

13. Distinguish between digestible crude protein (DCP) and total digestible nutrients (DN) as used in livestock nutrition. (2mks)

14. State **four** reasons why a breeding boar may be culled. (2mks)

15. Name any four types of farm records used in economics(.2mks)

16. State **four** maintenance practices carried out on a fish pond. (2mks)

17. Give three importance of castration in bulls.(1½mks)

18. Give three importance of livestock.

(1½mks)

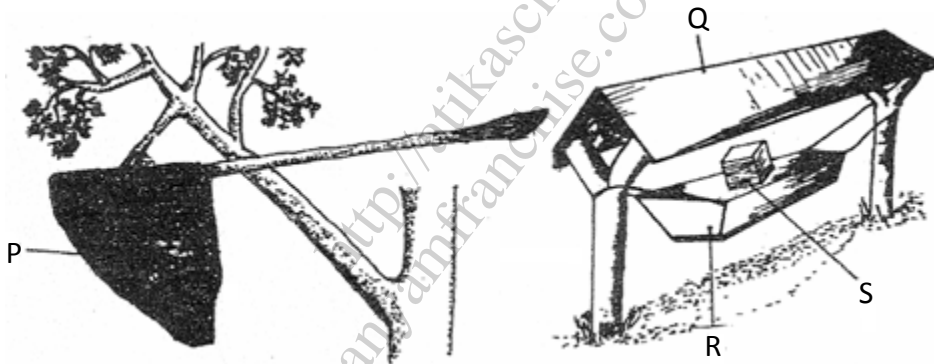
19. What is opportunity cost?

(1mk)

SECTION B :(20MARKS)

Answer all questions from this section.

20. Below is an illustration of a bee keeping structure.



a). Name the parts labeled P, Q, R and S.

(2mks)

- a. P:
- b. Q:
- c. R:
- d. S:

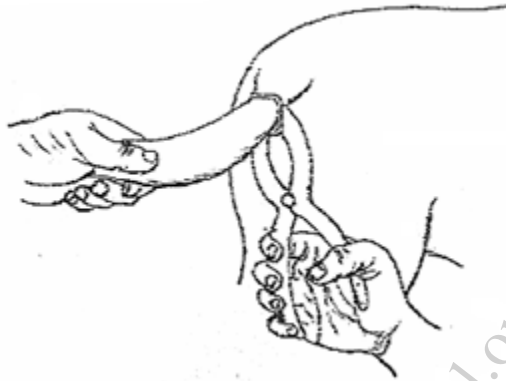
b). Give **two** diseases of bees

(2mks)

c). Name **four** materials used for feeding bees.

(2mks)

21. The diagram below shows a rearing practice in livestock production.

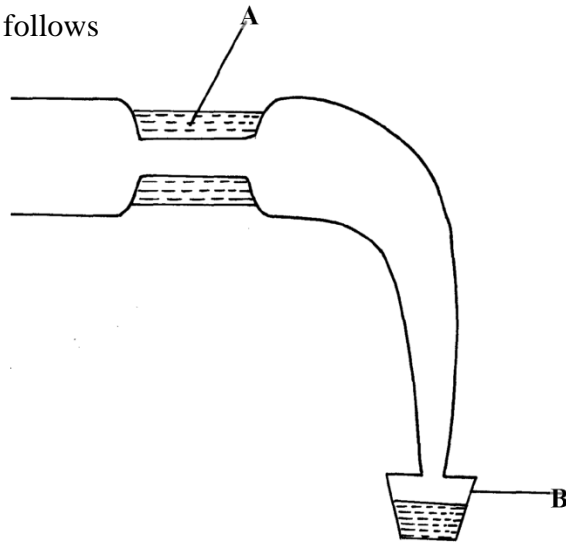


a) . Name the method of routine practice shown in the diagram above. (1mk)

b) . Describe the procedure used to carry out the routine practice identified in (a) above.(3mks)

c) .Give the importances of carrying out the above practice (4mks)

22. . The illustration below shows a livestock equipment. Study it and answer the questions that follows



a). Identify the above diagram

(1mk)

b). Name the parts labeled **A** and **B**

(2mk)

c). Give four advantages of a live fence (4mks)

SECTION C (40MKS)

Answer any two questions in this section

- 23.(a) Describe six physical characteristics of a dairy cattle. (6mks)
- (b) State seven signs of parturition in a cow. (7mks)
- (c) State seven maintenance practices of sows (7mks)
- 24 .(a) State and explain four factors considered when siting an apiary (4mks)
- (b) Explain five reasons for inbreeding in livestock production (10mks)
- (c) Outline six economic importances of livestock parasites (6mks)
25. (a) Give importance of maintaining livestock health (4mks)
- (b). State and explain Five predisposing factors of livestock diseases (10mks)
- (c). Describe the following terms as used in animal nutrition
- (i) Starch Equivalent (2mk)
- (ii) Production Ration (2mk)
- (iii) Roughages (2mk)

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