

## PANGANI GIRLS SCHOOL

443/2

AGRICULTURE

PAPER 2

PRE-MOCKS , 2013

2 HRS

INSTRUCTIONS: Answer all the questions in section A and B in the spaces provided and any TWO questions in section C.

FOR EXAMINERS USE ONLY.

SECTION	QUESTION	MAXIMUM SCORE	SCORES
A	1-17	30	
B	18 - 21	20	
C	22 - 24	40	
	<b>TOTAL SCORE</b>	90	

**SECTION A – 30 MARKS**

1. Apart from hides and skins, name the raw material obtained from each of the following for the textile industry.

a. Rabbit ( ½ mk)

b. Goat ( ½ mk)

c. Sheep ( ½ mk)

2. Give three reasons for candling eggs in poultry production. (1 ½ mk)

i.

ii.

iii.

3. Name two nutritional diseases of cattle. (1mk)

i.

ii.

4. State two advantages of housing calves singly in cattle management. (1mk)

i.

ii.

5. Give four features of housing that help to control livestock diseases. (2mks)

i.

ii.

iii.

iv.

6. Name three methods of Harvesting fish in a pond. (1 ½ mk)

i.

ii.

iii.

7. State five methods of dehorning in cattle management. (2 ½ mks)

i.

ii.

iii.

iv.

v.

8. Give the appropriate term that refers to each of the following.  
a. Castrated chicken. (½ mk)

b. Young one of a Rabbit (½ mk)

c. Mature male goat (½ mk)

9. Give three ways in which farmers market beef cattle in Kenya. (1 ½ mk)

i.

ii.

iii.

10. State four causes of egg eating in a flock of layers. (2mks)

i.

ii.

iii.

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iv.

11. Name two practices that are carried out when preparing ewes for mating.

(1mk)

i.

ii.

12. Give four reasons for identification in cattle management.

(2mks)

i.

ii.

iii.

iv.

13. State three advantages of fold system in poultry rearing.

(1 ½ mk)

i.

ii.

iii.

14. State four practices that immediately come after complete milking in a milking shade.

(2mk)

i.

ii.

iii.

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iv.

15. The following is a list of livestock diseases.

- Coccidiosis
- Anthrax
- Black quarter
- New castle
- Gumboro disease
- Rinder pest

a. Which two diseases are  
Notifiable and viral diseases.

(1mk)

b. Caused by Bacteria

(1mk)

16. State three functions of a lubrication system on a Tractor.

(1 ½ mk)

i.

ii.

iii.

17. Distinguish between the following terms as used in livestock Health.

a. Isolation and quarantine

(2mks)

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- b. Curative drug and prophylactic drug. (2mks)

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**SECTION B – (20 MARKS)**

18. Below are illustrations of farm Tools and Equipment.

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- a. Identify the tool/equipment labeled A and B. (1mk)  
A - (1mk)  
B- (1mk)
- b. State one appropriate use of the tool labeled C. (1mk)
- c. Explain two maintenance practices for the tool labelled D. (2mks)
- i.
- ii.
19. The diagram below illustrates a Livestock parasite.

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- a. Identify the parasite illustrated above. (1mk)
- b. State the major harmful effect of the parasite. (1mk)
- c. Explain four control measures of the parasite. (4mks)
- i.
- ii.
- iii.
- iv.

20. The diagram below illustrates a method of identification.



a. Name the identification method. (1mk)

b. Explain three disadvantages of the identification method. (3mks)

i.

ii.

iii.

21. The illustration below shows a cross-section of a cattle dip.

a. Name the parts labelled E and G.

E -

(1mk)

G -

(1mk)

b. State one use for each of the parts labelled E, F and H.

(3mks)

E -

F -

G -

**SECTION C – 40 MARKS**

**Answer any two questions from this section.**

- 22.a. Describe the functions of the various types of pens in a piggery unit. (4mks)
- b. Describe the control measures for Tapeworms (*Taenia* spp) in livestock. (6mks)
- c. Giving a relevant example in each case, describe the role of the various components of a balanced diet in livestock Nutrition. (10mks)
- 23.a. Describe the management of one day old chicks in a brooder until they are eight weeks. (12mks)
- b. Give the reasons why embryo Transfer use should be encouraged in dairy cattle breeding. (8mks)
- 24.a. Describe pneumonia disease under the following sub-headings.
- i. Causal organism (1mk)
- ii. Signs of infection (1mk)
- iii. Control measures (4mks)
- b. Explain the importance of each of the functional differences between a disc plough and a mouldboard plough in land preparation. (10mks)

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