



CHIKULI SCHOOL MOCK EXAMINATION 2019

PRIMARY SCIENCE

(100 Marks)

Name of Candidate: _____

DATE: _____

TIME: 8:30 – 10:30

Instructions

1. This paper contains two sections, **A** and **B**
2. Answer all questions in all section

SECTION A (40 marks)

AGRICULTURE

1. Which of the following is the basic operation that a farmer does when growing and caring for crops?

- A. Farm calendar
- B. Farm business practice
- C. Crop husbandry practice
- D. Livestock production

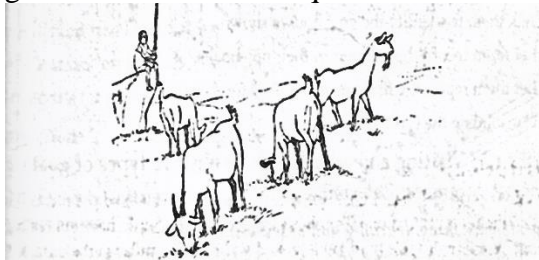
2. Which of the following types of chicken can be kept for both meat and egg production.

- A. Indian River
- B. Mikolongwe
- C. Hyline
- D. White leghorn

3. Which of the following method of fertilizer application is used in crops which are very close to each other?

- A. dollop
- B. banding
- C. broadcasting
- D. flooding

Figure 1 shows one of the methods of feeding goats. Use it to answer question 4 .



4. What name is given to the method shown above?

- A. browsing
- B. pegging
- C. tethering
- D. grazing

5. Which of the following is a common disease of groundnuts

- A. Rosette
- B. Bacteria bright
- C. Groundnuts blight
- D. Leaf spot

6. Which of the following system of agroforestry involves planting trees along the boundaries of arable crops?

- A. live fence
- B. silvo pasture
- C. improved fallow
- D. folder banks

7. Which of the following type of irrigation is recommendation for fruit trees?

- A. Pump irrigation
- B. Sprinkle irrigation
- C. Basin irrigation
- D. Drip irrigation

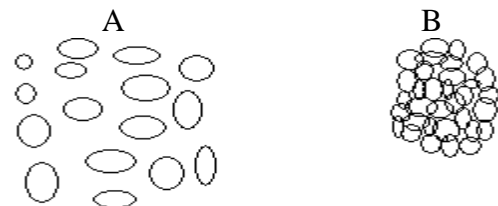
8. Which of the following is a market problem

- A. Storage
- B. Bulk
- C. Transportation
- D. Production

9. Which of the following is **not** a reason for early land preparation?

- A. it is easy to till the ground
- B. it is easy to harvest crops
- C. it allows crop residues to decompose
- D. enable the farmer to plant with the first rain

Figure 1 represents sample structure of soil use to answer questions 10 and 11



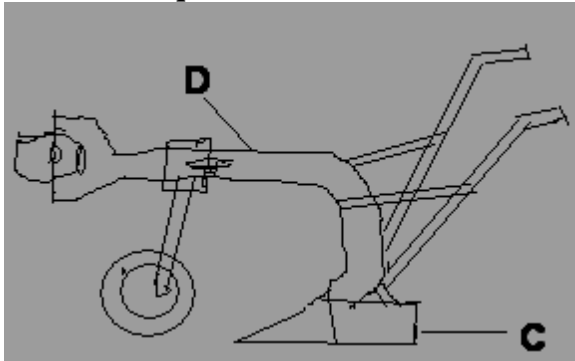
10. Soil structure A is

- A. Compact structure
- B. Crumb structure
- C. Loose structure
- D. Clay structure

11 Name the crop suitable for soil structure B

- A. Maize
- B. Cassava
- C. Rice
- D. Irish potatoes

Figure 2 is a diagram of farm machinery use it to answer questions 12 to 14



12 What is the name of the part labelled C?

- A. Share B. Mould board
C. Hake D. Hitch

13 The function of the part marked D is _____?

- A. cuts the soil into thin layer
B. sets the depth of ploughing
C. throws the soil to one side
D. holds all parts of plough

14 Which of the following is **not** the way of maintaining the machine above?

- A. grease all movable parts
B. replace worn out parts
C. untightening nuts and bolts before use
D. paint the machine

15 Which of the following sub-branches of agriculture would supply tree seedlings to village forest committee?

- A. Silviculture B. Agronomy
C. Arboriculture D. Horticulture

16 A standard 8 learner planted a flower, after few weeks he observed that it needs support because the stem was weak. What type of flower did he plant?

- A. climbers B. ground cover
C. tree D. shrubs

17 Which of the following is a farm business risk, that occurs when there is heavy rainfall in a particular area

- A. Pests and disease B. Fire
C. Price changes D. Floods

18 How can a farmer cope up with the risk identified?

- A. Contract production
B. Enterprise
C. Insurance

D. Market research

19 Which of the following is a sign of overfeeding fish in a pond?

- A. Foul- looking black or green water
B. Fish swimming under water
C. Less amount of uneaten food floating
D. Fish grow fast

20 Which of the following is an example of beef breeds of cattle:

- A. Jersey B. Africander
C. Fresian D. Angola.

SCIENCE AND TECHNOLOGY

21 Where the implantation of foetus does takes place in human being?

- A. In the uterus B. Placenta
C. In the fallopian tube D. In the Oviduct

22 Which of the following is not a component of blood?

- A. platelets B. Lungs
C. Blood cells D. Plasma

23 Give one way of improving the nutritional value of food

- A. Serving food during meals
B. Eating balanced diet
C. By adding enriching food to dishes
D. By eating few slices of food

24 Which of the following sense organs is for breathing?

- A. nose B. skin
C. tongue D. eye

25 Which of the following uses the property of light?

- A. Thermometer B. Vacuum flask
C. Ameter D. Periscope

Figure 4 shows one of the type of kitchen. Use it to answer questions 26 to 27



26 What type of kitchen is shown above?

- A. an enclosed kitchen

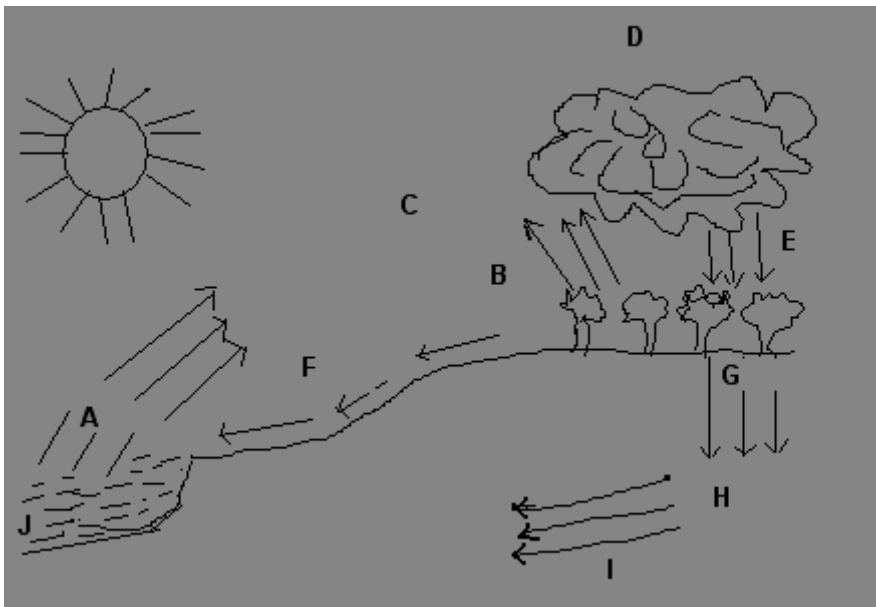
- B. open air kitchen
 C. modern kitchen
 D. traditional kitchen
27. The disadvantage of the type of kitchen above is that?
 A. it is cheap
 B. easy to maintain
 C. a lot of smoke is produced
 D. easy to construct
- 28 A connection of millions of computers around the world is known as?
 A. central processing unit B. Email
 C. network D. Internet.
- 29 which part of a flower connects the stigma and ovary?
 A. style B. petal
 C. ovules D. anthers.
- 30 Which of he following is the problem of the eye
 A. Diarrhoea B. Scabies
 C. HIV and AIDS D. Sores
- 31 Which of the following can be dispersed by wind?
 A. boehavia B. lupin
 C. crotalaria D. dandelion
- 32 Which of the following solvents will dissolve salt fast?
 A. Water B. Petrol
 C. Paraffin D. Cooking oil
- 33 The part of a bean seed which develop into root system is?
 A. cotyledon B. radical
 C. micropyle D. testa

- 34 Which of the following are examples of Herbivores?
 A. Lion, sheep and rat
 B. Goat, cattle and hare
 C. Man, chicken and Pig
 D. Hyena, hare and Dog.
- 35 Which of the following is not the advantage of frying?
 A. No loss of soluble nutrients
 B. The food looks attractive
 C. A quick method of cooking
 D. Very slow method of cooking
- 36 which of the following physical change take place in both boys and girls?
 A. produce sperm B. grow taller
 C. hair grows D. grow fast
- 37 Where does the gaseous exchange take place in the body?
 A. Heart B. Bronchioles
 C. Lungs D. Pleural Sac
- 38 Which group of vertebrates does bat belongs?
- 39 Which of the following is the property of sound
 A. It can be refracted
 B. Has definite direction
 C. Travels in straight line
 D. Travels in all directions
40. Which of the following ia an example of manual worker?
 A. driver B. radio presenter
 C. pilots D. farmers

SECTION B (60 MARKS)
AGRICULTURE

Section B has structured questions. Answer all the questions. Write your answer in the space Provided

Figure 5 Study it and use it to answer questions that follow



41 (a) Name the figure above

_____ 1 mark

(b) What is the importance of the sun in the **figure 8**

_____ 2 marks

(c) Identify the stage G and I

_____ 2 marks

42 (a) Name any two chicken products that can be sold

_____ 2 marks

(b) List any two qualities of commercial eggs.

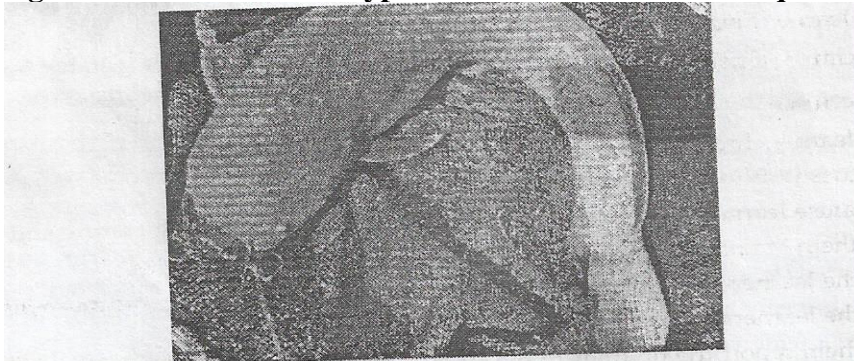
_____ 2 marks

(c). Why is lime added to chicken feeds?

_____ 1 mark

_____ 1 mark

Figure 6 shows one of the types of Fish. Use it to answer questions that follow.



43 (a). Name the type of fish in the figure?

_____ 1marks

(b). Mention two characteristics of fish suitable for farming

_____ 2 marks

(c). Suggest two effects of fish parasites

_____ 2 marks
44 (a). Define “mulching”

_____ 2 marks
(b). State any two importance of mulching

_____ 2 mark

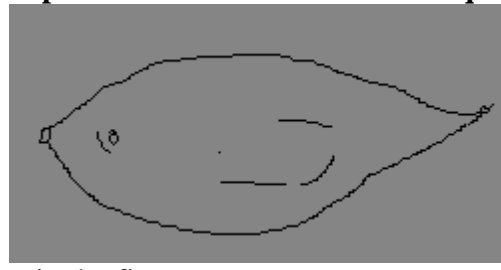
45 (a). Name two main groups of cattle feed _____ 2 mark

_____ 2 marks
(b). Explain two characteristics of a good cattle house

_____ 2 mark
(c). Why beddings are placed on the floor in a brick cattle house.

_____ (1 mark)
(d) State one characteristic of dairy cattle.

Figure 7 shows one of the goat parasites. Use it to answer the questions that follow.



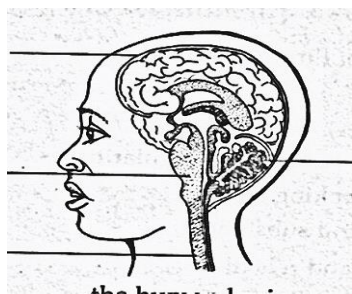
46 (a). Name the parasite shown in the figure. _____ 1 mark

(b). How does the parasite lower goat production? Give any two ways. _____ 2 mark

_____ 2 mark
(c). List two methods of controlling the parasite.

SCIENCE AND TECHNOLOGY

Use figure 8 below to answer questions 47 and 48



47 (a). Name the part labelled Z. _____ 1 mark

(b). What is the two functions of part labelled Y. _____ 2 marks

(c). What connects the sense organs to the brain? _____ 1 mark

48 (a). Why is good nutrition important to the body? _____ 2 marks

(b). Give any functions for the following nutrients. _____

(i) Proteins: _____ 2marks

(ii) Carbohydrates: _____ 2marks

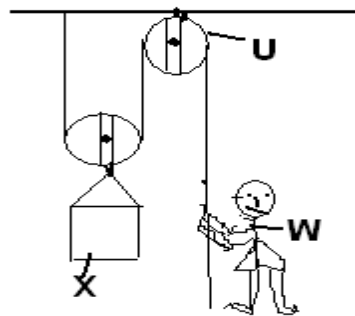
(iii) Vitamin D: _____ 2 marks

49 (a). How can we remove chewing gum stain from a cloth? _____ 2 marks

(b). State two importance of laundering. _____ 2 marks

(c). Mention two diseases which can be controlled through DPT vaccination. _____ 2 marks

Figure 11 shows a machine used for lifting objects. Use it to answer question 50.



50 (a). Which letter represents effort? _____ 1 mark

(b). Where will the load be? _____ 1 mark

(c). Name the type of machine shown in figure 11 _____

51 (a). Which of the following are the creeping stems white haricot beans,, bamboo, strawberry and sweet potatoes _____ 1 mark

(b). How do animals depend on plants. Give two reasons. _____ 2 marks

(c). Why are leaves important to plants. Give two reasons. _____ 2 marks

52 (a) Give one reason why the body of HIV victim is unable to fight against diseases. _____ 2 marks

(b). What is the best way of preventing HIV/ AIDS? _____ 1 mark

(c). Give two cultural practices that can lead to the transmission of HIV. _____ 2 marks

END OF QUESTION PAPER
Failing to prepare is preparing to fail!!!!!!