



ZIMBO PRIMARY SCHOOL

2022 TERM I STANDARD 8 MOCK EXAMINATION

PRIMARY SCIENCE (100 Marks)

Thursday, 17th February

Subject number: P163

Time allowed: 2 hours

8.00 – 10:00 am

Name of candidate:

(Surname first)

Name of school:

Instructions

Question number	Tick 21 – 30 if answered	Do not write in these columns	
1 – 40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			

1. This paper contains 7 printed pages. Please check.

53			

2. Write your examination number on each page of this paper.

3. This paper contains two sections **A and B**.

4. You are expected to answer all questions from section **A and B**.

5. In the table provided on the on this page, tick against the question number you have answered apart from question **1 to**

40.

6. Follow instructions for each section carefully.

7. Make sure you have written your **name, school name** and **examination number** on the question paper in the spaces provided.

8. Please hand in your question paper to the invigilator at the end

of the examination.

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Turn Over.....

SECTION A (40MARKS)

SCIENCE

SECTION A (40MARKS) AGRICULTURE

- Which of the following is a sub branch of agriculture under animal production?
A. Horticulture C. Floriculture
B. Apiculture D. Silviculture
- Which of the following is not a common weed in a flower garden?
A. Witch weed C. Msonthi
B. Black jack D. Denje
- Quarantine means
A. Restriction movement of risk animals
B. Feeding animals in a house
C. Keeping animals which are resistant to diseases
D. Killing disease causing organisms
- Which of the following is not a disease of maize?
A. Head smut C. Maize Streak
B. Rosette D. Leaf bright
- The following are indigenous trees except
A. M'bawa C. Mthethe
B. Mkundi D. Blue gum
- What type of irrigation is common in rice field?
A. Fallow C. Basin
B. Sprinkler D. Flooding
- The major factors of production are
A. Land, capital, labour and management
B. Size, characteristics, cash and labour
C. Capital, management, slope and materials
D. Fertility, production, livestock and crops
- The process of water cycle that takes place between precipitation and percolation.
A. Evaporation C. Infiltration
B. Condensation D. Transportation
- Which crop can be grown in loose soil structures?
A. Rice C. Maize
B. Cassava D. Okra
- It is important to add green vegetables to chicken feeds in order to provide
A. Vitamins C. Fats
B. Proteins D. Carbohydrates
- To which class of vegetables do beans belong
A. Legume C. Flower
B. Fruit D. Stem

12. The accumulation of water silt in water bodies is called

- A. Contamination C. Filtration
B. Siltation D. Restricting

13. Mr Alexander had K5000. He bought a shovel at K3745. How much money was left?

- A. K1525 C. K8745
B. 3575 D. K1255

14. The part of a plough that holds all parts of it is called

- A. Hitch C. Hake
B. Bean D. Handle

15. Which of the following is a characteristic of a good cock for breeding?

- A. Strong body C. Roomy body
B. Wide mist vet D. Blunt beak

16. Why should a farmer add manure to a fish pond?

- A. To feed the fish
B. To reduce temperature of water
C. To kill fish predators
D. To improve the growth of planktons

17. Salivation is a sign of a disease in cattle called

- A. Newcastle C. East coast fever
B. Foot and mouth D. Yellow fever

18. Which of the following is an activity in marketing?

- A. Supplying C. Processing
B. Planting D. Harvesting

Figure 1 shows financial record of poultry production. Use it to answer questions 19 and 20

19. What were the total sales?

- A. K3000 C. K20000
B. K9000 D. K21000

20. The farmers loss was

- A. K3000 C. K21000
B. K30000 D. K12000

SCIENCE AND TECHNOLOGY

21. Which of the following foods provide the body with energy?

- A. Meat C. Honey
B. Pumpkin leaves D. Beans

22. Which of the following problems of the human

breathing system may be caused by covering ones face with a plastic bag?

- A. Choking C. Asthma
B. Tuberculosis D. Smoothing

23. Which of the following is an example of a vegetable stain?

- A. Egg C. Milk
B. Paint D. Tea

24. Why do invalids require little carbohydrates and in their diets?

- A. They use less energy
B. They have weak bodies
C. They are fat people
D. They don't need carbohydrates

25. Which of the following is the method of processing maize?

- A. Covering C. Salting
B. Pounding D. Chopping

26. Air sacs in the lungs are important because it is where

- A. The exchange of oxygen and carbon dioxide takes place
B. Urea is excreted from the body
C. Carbon dioxide is mixed up with oxygen
D. The exchange of oxygen and urea takes place

27. What name is given to the process when gases change into liquids?

- A. Melting

Date	Details	Amount	Date	Details	Amount
05/05/12	Sold 100 egg @ K20each	2000.00	07/05/12	Bought 2 drinkers @ K500 each	1000
06/06/12	Sold 10 chicken @ K700 each	7000.00	08/05/12	Bought 10bags of feed at K2000 each	20,000.00

- B. Evaporation
- C. Condensation
- D. Freezing

28. A dislocated joint is a joint where

- A. There is clicking of bones
- B. There are torn ligaments
- C. Bones are broken
- D. Bones have come out of place

29. Choose the main parts of an embryo of a bean seed?

- a) Plumule and testa b) Plumule and radical
- c) Testa and cotyledon
- d) Radical and cotyledon

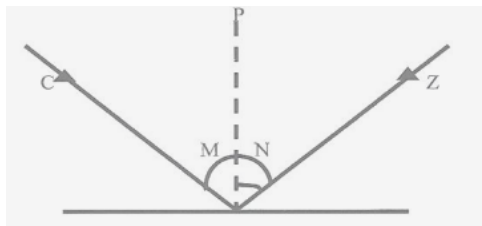
30. _____ is an example of non flowering plants

- A. Fern plant
- B. Bean plant
- C. Maize plant
- D. Hibiscus plant

31. The advantage of using information and communication technologies in our everyday life is that is

- A. Increases demand for unskilled labour
- B. Increases demand for skilled labour
- C. Decreases demand for unskilled labour
- D. Decreases demand for skilled labour

Figure below is a diagram showing a ray of light reflected by a plane mirror. Use it to answer questions 32 and 33



32. What is the name of ray marked C

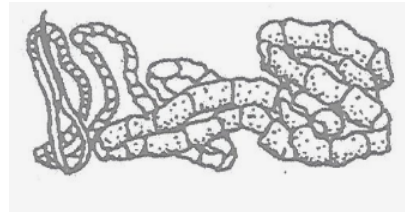
- A. Refracted ray
- B. Incident ray
- C. Reflected ray
- D. Emergent ray

33. Find the angle marked N, if angle marked

m is 50 degrees

- A. 90 C. 50
- B. 80 D. 40

Figure below is showing a type of worms



34. Identify the type of worm

- A. Tape worm C. Round worm
- B. Hook worm D. Live worm

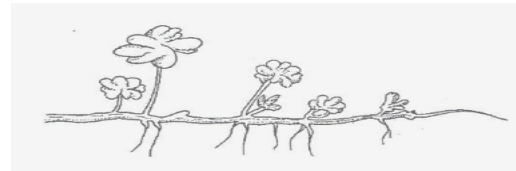
35. Animals that eat other animals only are called _____

- A. Herbivores C. Carnivores
- B. Omnivores D. Skeletons

36. Why should coloured clothes be dried under the shade?

- A. To make it bright C. To avoid bleaching
- B. To make it soft D. To make beauty

Figure below shows a diagram of a stem



37. Identify the type of a stem

- A. Creeping C. Climbing
- B. Erect D. Underground

38. Which of the following can conduct electricity?

- A. Milk powder C. Salt solution
- B. Sugar solution D. Paraffin

39. Which of the following sense organs is

use for touching?

- A. Nose C. Skin
- B. Tongue D. Eye

40. Which of the following statements are

true which about insect pollinated

flowers?

- a) Flowers are small

- | | | |
|-----------------------------------|------------|------------|
| b) Athens are held firmly | A. 1 and 2 | C. 2 and 3 |
| c) Have bright coloured petals | B. 1 and 4 | D. 2 and 4 |
| d) Produce large amount of pollen | | |

SECTION B (60MARKS)
SCIENCE (30MARKS)
SECTION B (60MARKS) AGRICULTURE

41. a. Write any three parts of a sprayer. (3marks)
 i. _____ ii. _____
 iii. _____

b. State the function of a sprayer to an egg plant farmer.

 _____(1mark)

42. a. What are farm records?

 _____(2marks)

b. Give two importance of farm records.

i. _____
 _____(1mark)
 ii. _____
 _____(1mark)

c. How is mulching important (give two ways)

 _____(2marks)

43.a. Mention two factors to consider when choosing a site for fish pond.

i. _____

 ii. _____
 _____(2marks)

b. Define water pollution

 _____(2marks)

c. How can water be polluted (give two ways?)

_____ (2marks)

44. a. What are two main types of farming?

b. Apart from producing crops and animals mainly for sale give any other two characteristics of this type of farming.

_____ (2marks)

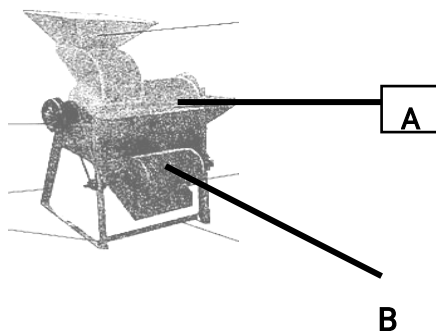
c. Explain the following system of chicken houses.

i. Free range

ii. Semi – intensive

(4marks)

Figure 2 is farm implement, study it and answer questions 45.



45. a. Name the implement

_____ (1mark)

b. State the function of the implement.

_____ (1mark)

c. Name the parts labeled A and B

A _____ B _____ (2marks)

46. Give one importance of permaculture

(1mark)

SCIENCE AND TECHNOLOGY

47.a. Give any two methods of cooking.

(2marks)

b. Write one importance of cooking food

_____ (1mark)

48.a. Mention two examples of mammals.

_____ (2marks)

b. State any two characteristic of fish.

_____ (2marks)

49.a. Define the following terms

i. convalescent

_____ (1mark)

ii. vegetarians

_____ (1mark)

b. Give any two reasons why people may become vegetarians.

_____ (2marks)

50.a. List two types of pollination.

_____ (2marks) b. Write three agents of pollination.

(3marks)

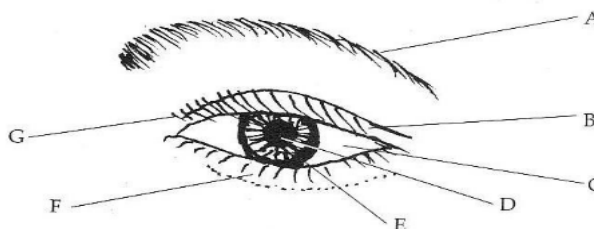
51. Copy the table below and fill in the types of energies and their uses

Type or energy	Uses of energy
(i)	(i)
(ii)	(ii)

b. What do you understand by the word energy?

_____ (1mark)

52. Figure below of the external parts of a sense organ.



a. (i). Name the sense organ.

_____ (1mark)

(ii). Explain one way of caring the sense organ.

_____ (1mark)

b. (i). Name the part labelled A and B

A _____

B

_____ (2marks)

(ii). State one reason why the sense organ is important

_____ (1mark)

53. a. Define the term "marketing"

_____ (1mark)

b. What name is given to the technologies that are used to increase production on sales?

_____ (1mark)

c. List any two technologies that can be used for advertising.

(2marks)

END OF QUESTION PAPER