



MALIKHA PRIMARY SCHOOL

2021 STANDARD 8 SCHOOL MOCK II

PRIMARY SCIENCE

(100 marks)

Friday, 5, June, 2021

Time allowed: 2 hours 15mins
8.00 – 10:15 am

Name of candidate: _____
(Surname first)

Instructions

1. This paper contains 8 printed pages. Please check.
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 20**
6. Follow instructions for each section carefully.
7. Make sure you have written your **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.

Question number	Tick 21 – 30 if answered	Do not write in these columns	
1 – 20			
21			
22			
23			
24			

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Turn over

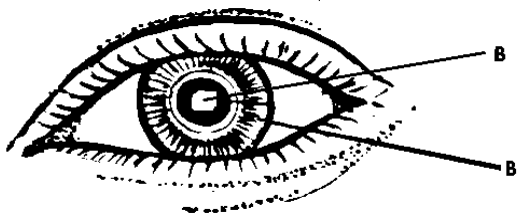
SECTION A (40MARKS)

By using a pencil only circle the correct answer

SCIENCE

1. What is a packed meal?
 - a. The food one puts in a plastic bag
 - b. The food packed in a cooler box
 - c. The food which can be taken while away from home
 - d. The food rich in proteins and vitamins
2. Why are packed meals important in health?
 - i. Ensure leaners carry clean, safe
 - ii. Help to avoid contracting STIS
 - iii. Help learners to avoid peer pressure
 - iv. Ensure that school children have a daily supply of food
 - A. I and ii C. ii and iii
 - B. Ii and iv D. i. and iv
3. Name the muscle that help to bend the arm when contracted
 - A. Calf muscles
 - B. biceps muscles
 - C. Triceps muscles
 - D. D. Ligaments muscles

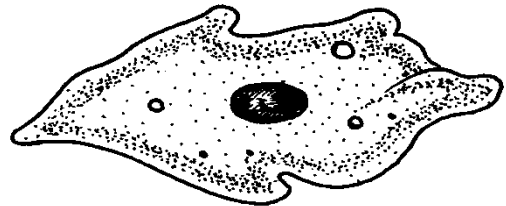
Study the diagram and answer the questions that follows



4. Name the parts labelled A and B and state the function of part B
 - a. A is iris, B is pupil which allows light to get into the eye to see things
 - b. A is sclera B is iris while of eye which helps to see things
 - c. A is pupil, B is iris which protect the eye
 - d. A is eye brow, B is cornea which allows sound to get into the eye hear things

5. What name is given to the process in which so changes to gas state
 - A. Melting C. condensation
 - B. Sublimation D. freezing
6. What is metamorphosis?
 - A. It is the putting of things into groups according to their similarities and differences
 - B. It is a parasite that causes sleeping sickness
 - C. It is a change from a larva to an adult organization
 - D. It is a segmented worm

Study the diagram and answer question 7



7. Name the organism and where it is found
 - A. It is an arthropod, it leaves a sea water
 - B. It is a reptiles, it lives in pound
 - C. It is an Annelida, it lives in the mud in pods
 - D. It is an amoeba it is found in
8. Name the tree methods of frying food.
 - A. Dry frying, shallow, shallow fat frying and deep fat frying
 - B. Light frying, deep frying and red-hot frying
 - C. Deep fat frying, dark red frying and dry frying
 - D. Dry frying, shallow frying and deep fat frying
9. One of the guidelines for planning meals for sedentary workers is _____

- A. The meal should contain more energy giving food
 - B. The meal should contain more carbohydrates
 - C. The meal should not contain too much fat and oils
 - D. The meal should be rich in vitamin K
10. State the function of a Telescope and the property of light it uses.
- A. To make distant object look bigger, it uses refraction
 - B. To magnify objects, it uses refraction
 - C. To see distant objects clearly, it uses reflection
 - D. To see what is behind vehicles, it uses reflection

AGRICULTURE

11. What is the meaning of “factors of production”?
- A. Are resources that are used to produce food and vegetables
 - B. Are resources that are used to produce food money
 - C. Are resources that are used to produce crops and livestock
 - D. Are resources that are used to produce milk
12. Why is market research important in a business?
- A. It helps a farmer a farmer to set a market price.
 - B. It helps a farmer to preserve the of produce
 - C. It helps a farmer to own the produce money
 - D. It helps a farmer to decide what to produce
13. Which class of soil has the following characteristic: small particle size, fells sticky when wet, difficult to till, holds a lot of water?
- | | |
|--------------|--------------|
| A. Sand soil | C. Sub soil |
| B. Loam soil | D. clay soil |

EXAMINATION NO.: _____

14. _____ is a vertical section through the soil showing horizontal layers.
- A. Soil structure C. soil texture
 - B. Soil profile D. compact structure
15. _____ is small in size, weighs about 3.5 to 4.5 kg when mature, produce more offspring's and is black in colour.
- A. New Zealand white rabbit
 - B. California black rabbit
 - C. Flemish giant rabbit
 - D. New Zealand black rabbit
16. Why is hardening off important in the Nursery Management?
- A. To prevent pest and disease attack
 - B. To prepare seedlings for the hot and dry conditions in the woodlot
 - C. To increase the production of trees in the woodlot
 - D. To strengthen the roots of seedlings in the woodlot

Study the pest and answer question 17



17. Name the pest and destructive effect it causes on agricultural production.
- A. Aphid. Causes head smart in maize
 - B. Aphid. Sucks plant juice and transmit a virus called rosette in groundnuts
 - C. Aphid. Sucks plant juice and transmit a virus which causes rosette disease in groundnuts
 - D. Aphid. Sucks plant juice and transmit rosette disease in groundnuts
18. Name the three improved varieties of cassava
- A. Silira, Maunjiri and mkondezi
 - B. Manyokola, mbundumali and mkondezi

EXAMINATION NO.: _____

- C. Chitembwere, manyokola and Chitembwere
- D. Manyokola, Gomani and Chitembwere

19. Why is a pulley important in a treadle pump?
- A. Helps in lifting water
 - B. Helps to generate electricity

- C. Helps in supporting treadle pump
- D. Helps to hold handles

20. A cleared path around the woodlot to prevent fires is called _____
- A. A fire break
 - B. A graded band
 - C. a front path
 - C. a ridger

SECTION B (60 marks)

Answer all questions in the spaces provided

AGRICULTURE (30 marks)

21. (a). Describe one characteristic of each of the following types of the following types:

a. Broilers:

b. Layers:

_____ (2 marks)

- (b). explain the difference between free range system and semi-intensive system of keeping Chicken.

_____ (2 marks)

- (c). State one disadvantage of each of the following houses of keeping chickens.

a. Battery:

_____ (1 mark)

b. Deep litter :

_____ (1 mark)

- (d). At what age should the following feeds of chickens be given

a. Broiler starter mash : _____ (1 mark)

b. Broiler finisher : _____ (1 mark)

c. Layers mash : _____ (1 mark)

- (e). State four characteristics of a good cock

i. _____

ii. _____

iii. _____

iv. _____ (4 marks)

- (f). Write down two preventive measures for tape worms in poultry

i. _____

ii. _____ (2 marks)

22. (a). mention four examples of marketing functions

i. _____

ii. _____

iii. _____

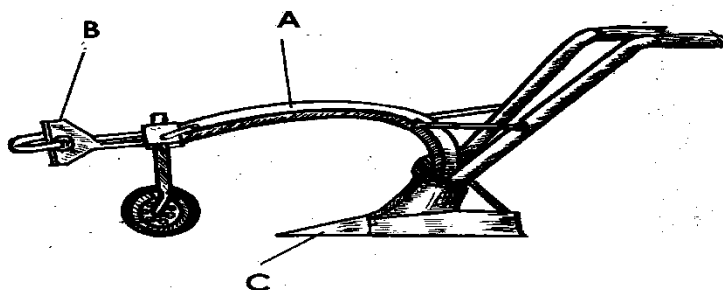
iv. _____ (4 marks)

(b). State any two human activities that can cause water pollution.

i. _____

ii. _____ (2 marks)

(c). study the diagram below and answer the questions



(i). Name the parts labelled:

A. _____ (1 mark)

B. _____ (1 mark)

C. _____ (1 mark)

(ii). State the function of the farm machinery in 2c above.

_____ (1 mark)

(iii). Why is the part labelled C important? Give a reason

_____ (1 mark)

(d). Mention three methods of controlling weeds in a flower garden

i. _____

ii. _____

iii. _____ (3 marks)

PRIMARY SCINCE (30 marks)

23. (a). Draw a leaf and label any two parts.

(3 marks)

(b). Name the shape of leaf below



_____ (1 mark)

(c). state two functions of leaves to the plant

i. _____

ii. _____ (4 marks)

(d). State any three ways of caring for the tongue

i. _____

ii. _____

iii. _____ (3 marks)

(e). Mention any two problems of the skin

i. _____

ii. _____

iii. _____ (3 marks)

(f). why is food preservation important? State three reasons

i. _____

ii. _____

iii. _____ (3 marks)

(g). To which class of levers does a plier belong?

_____ (1 mark)

24. (a). **study the diagram below and answer the questions that follow:**



i. Name the seed: _____ (1 mark)

ii. How can the seed be dispersed?

_____ (1 mark)

(b). Write down three characteristics of seeds or fruits that can be dispersed by animals.

i. _____

ii. _____

iii. _____ (3 marks)

(c). Why is fruit and seed dispersal important? Give two reasons.

i. _____

ii. _____ (4 marks)

(d). i. What are Arthropods?

_____ (1 mark)

ii. Write down the three main characteristics of Arthropods?

i. _____

ii. _____

iii. _____ (4 marks)

iii. Explain the difference between complete Metamorphosis and incomplete Metamorphosis

_____ (2 marks)

(e). Define the following terms:

i. Gravitation force

_____ (1 mark)

ii. Friction force

_____ (1 mark)

END OF QUESTION PAPER