

BUDAKA DISTRICT EXAMINATION BOARD
MOCK EXAMINATIONS, 2023
P.7 INTERGRATED SCIENCE

DURATION: 2 HOURS 15 MINUTES

PUPIL'S NAME: _____
 INDEX No.:

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PUPIL'S SIGNATURE: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
 Read the following instructions carefully.

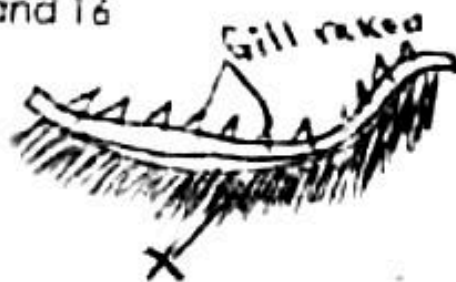
1. This paper is made up of **two** Sections **A** and **B**
2. Answer all questions. All questions to **both** Sections **A** and **B** must be written in the spaces provided.
3. **ALL** answers must be written in blue or Black ball point pen or ink.
4. Unnecessary alteration of work may lead to loss of marks.
5. Any handwriting that can not easily be read may lead to loss of marks.
6. Do not fill anything in the boxes shown "For Examiners Use only" and those inside the questions paper.

FOR EXAMINERS USE ONLY		
Qn. No.	Marks	Sign
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

SECTION A (40 MARKS)

1. Name any one item used to clean our teeth.
2. Give any one use of magnets to people.
3. State any one danger of dehydration to people.
4. Which disease attacks both rabbits and poultry?
5. In the space below, draw a diagram showing parallel leaf venation.
6. State any one role played by village Health Team (VHT) in promoting immunization programme.
7. Write any one danger of excessive taking of alcohol to the digestive system.
8. Name the part of an insect that enables it balance during flight.
9. How does a female anopheles mosquito spread malaria among people?
10. Give any one life skill that can guard youths against practicing sexual deviations.
11. Which part of the improved charcoal saving stove retains heat?
12. Name the structures wall geckoes use to move on walls and ceilings without falling.
13. Give any one farming practice that leads to soil exhaustion.
14. State the importance of rings of cartilage in the wind pipe.

The diagram below shows a respiratory system of a fish. Study and use it to answer questions 15 and 16



16. Identify the structures labeled by letter X.
17. Apart from fish, give one other aquatic animal that uses the above respiratory system.
18. Give any one way of protecting iron tools against rusting.
19. State the importance of rollers on skate shoes.
20. Apart from cassava, give one other crop that is propagated using the stem cuttings.
21. In which way does treating water using chlorine make it safe for drinking?

The diagram below shows the human foot study and use it to answer questions 21 and 22.



21. Identify the movable joint found at part labeled W.
22. Give any one body part with the above movable joint.
23. State the role played by the rennin enzyme in the stomach of babies.
24. Give one advantage of mixed farming.
25. Which term refers to the stage between childhood and adulthood?
26. State one benefit of regular physical exercises to the human body.
27. In which layer of the epidermis is melanin pigment found?
28. State any one application of electricity in our daily life.
29. Give any one way of maintaining the ventilated improved pit latrine.
30. How does paddock grazing control tick-borne diseases among cattle?

the use of a temperature gun in the control of covid-19

The diagram below shows a bird's egg. Study and use it to answer questions 32 and 33.



32. Identify part labeled by letter X
33. State the function of part labeled by letter W.
34. Convert 30°C to $^{\circ}\text{F}$
35. Which process in plants enables root hairs absorb water and mineral salts from the soil?
36. Write down any one emotional and psychological change that occurs in adolescents.
37. Give the importance of putting a hard object in the mouth of a convulsing child.
38. State the term that refers to the movement of food bolus from the mouth to the stomach.
39. How do snakes achieve growth?
40. Give the reason why solar panels are painted in dull colors.

SECTION B (60MARKS)

41. (a) Which type of bones do the following belong
- (i) Femur _____
- (ii) Jaw bone _____
- (b) Give the function of the following in the human body
- (i) Ribcage _____
- (ii) Vertebral column _____

42. (a) Apart from taking Oral Rehydration Solutions (ORS), give any two ways of controlling dehydration in humans

(i) _____

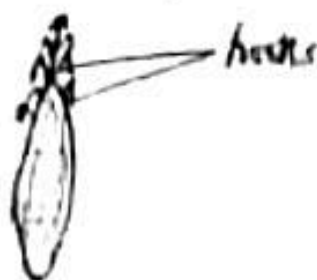
(ii) _____

(b) State any two ways of preventing contamination of prepared Oral Rehydration solution.

(i) _____

(ii) _____

43. The diagram below shows a black jack seed. Study and use it to answer questions that follow.



- (a) Name the agent that disperses the above jack seed.

- (b) Give the importance of the hooks to the black jack seed during dispersal

- (c) Apart from the agent that disperses the above seed, write two other agents of seed dispersal.

(i) _____

(ii) _____

44. a) Which poultry feeds are suitable for the following types of chicken?

(i) Layers _____

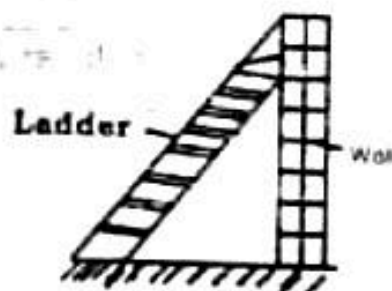
(ii) Broilers _____

- (b) Give two other ways of increasing productivity in poultry apart from proper feeding.

(i) _____

(ii) _____

45. The diagram below shows a ladder leaning against a wall. Study and use it to answer questions that follow.



- a) Which type of simple machine does the above belong?

b) Give two other simple machines that belong to the James type as the above.

(i) _____ (ii) _____

c) In which way does the above simple machine make work easier?

46. (a) Give the meaning of the following practices

(i) Hardening off _____

(ii) Transplanting _____

(b) Name the most suitable garden tool for transplanting

(i) _____ (ii) _____

(c) Give the reason why the garden tool named in (b) is suitable for transplanting. _____

47. The table below shows parts of an onion bulb in list A and their function in list B.

List A	List B
Foliage leaves	Grows into a new plant
Adventitious roots	Make food
Scale leaves	Water and mineral salts
Axillary bud	Protect inner part

Match correctly the parts with their functions in the spaces provided below.

(i) Foliage leaves _____

(ii) Adventitious roots _____

(iii) Scale leaves _____

(iv) Axillary bud _____

48. a) Give any two advantages of drug prescription to patient

(i) _____

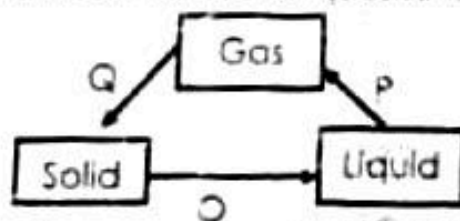
(ii) _____

b) State any two factors to consider when prescribing drugs for patients.

(i) _____

(ii) _____

49. The illustration below shows physical processes in the states of matter. Study and use it to answer questions that follow.



(a) Identify process labeled by letter Q

- (b) Which form of energy enables process labeled by letter C to take place?
- (c) State any two importance of process labeled by letter P in our daily life.

(i) _____

(ii) _____

50. a) Give the function of the following parts of the human heart.

(i) Septum _____

(ii) Pulmonary Artery _____

- b) Name the muscles that are found in the human heart

- c) Write any one health habit that promotes proper functioning of the human heart.

51. a) Which system of grazing sheep involves the tying of a rope on an animal and then on a peg. _____

- b) Give any two advantages of the above system.

(i) _____ (ii) _____

- c) Write down any one product got from merino sheep

52. a) Which method of heat transfer helps in burning of bricks?

- b) Give any two dangers of burning bricks to the environment

(i) _____

(ii) _____

- c) Name the fuel used in the burning of bricks

53. a) Name the part of the tape worm used for reproduction

- b) Give the commonest way tape worms get into our bodies

- d) Give two ways of controlling tapeworm infestation.

(i) _____

(ii) _____

54. a) Give any two ways of promoting food hygiene.

(i) _____

(ii) _____

- b) State any two importance of promoting food hygiene.

(i) _____

(ii) _____