



KIYINDA - MITYANA DIOCESE CATHOLIC PRIMARY SCHOOLS HEADS' ASSOCIATION (CAPSHA)

P. L. E. MOCK EXAMINATION 2024

INTEGRATED SCIENCE

Time Allowed 2 Hours 15 Min.

Random No.

Personal No.

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Candidate's Name: _____ Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

1. Do not open this booklet until you are told to do so.
2. This paper comprises of two sections A and B.
3. Section A has 40 questions (40 marks)
4. Section B has 15 questions (60 marks)
5. All answers must be written in blue or black ball point pen or ink.
6. All answers to both sections A and B MUST be written in the spaces provided
7. Diagrams must be done in pencil strictly.
8. Any handwriting that cannot be easily read will lead to loss of marks.
9. Unnecessary alteration of work will lead to loss of marks.
10. Do not fill anything in the boxes reserved for examiners' use.

FOR EXAMINER'S 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)

Questions 1 to 40 carry one mark each

1. Name the nearest clouds in the atmosphere.

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2. Why Should a P.7 pupil wash his/ her hands with water and soap after visiting a latrine?

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3. How can a poultry farmer identify internal abnormalities in eggs?

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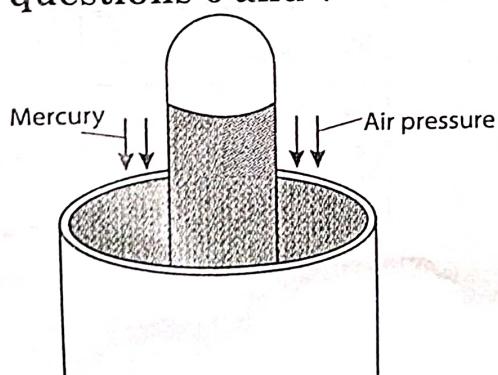
4. What name is given to a flight during which the queen bee mates with the drone bee?

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5. Apart from a duck billed platypus, give one other example of a monotreme.

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The diagram below is of a weather instrument. Use it to answer questions 6 and 7



6. State the function of the above instrument at a weather Station.

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7. Mention one way the above weather instrument can be cared for.

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8. Give any one way of keeping the cardiac muscles in a good working condition.

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.....

9. How important is a lollipop in controlling road accidents.

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10. In the space below, draw a red blood cell affected by sickle cell anaemia.



11. Write one life skill that can help a school going boy to control teenage pregnancy.

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12. Otim an electrician rubbed a screw driver on a piece of a magnet and used it to pick a bolt on the table. Which type of magnet did Otim make?

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13. Give one reason why drugs like paracetamol should be prescribed before use

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14. Mention one example of a bacterial childhood immunisable disease

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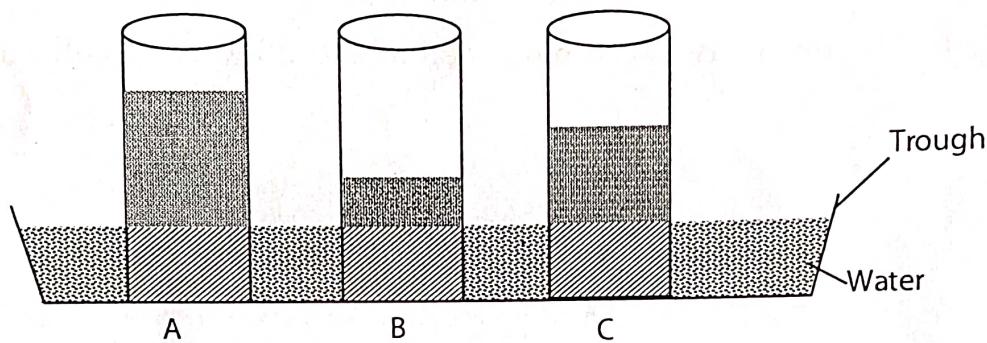
15. Which excretory organ is responsible for removing urine from blood in the body?

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16. A bean and a pine are propagated using seeds. What makes them to be classified in different groups of plants?
-
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17. State the function of the hepatic portal vein in a cat.
-
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The diagram below shows an experiment carried out by P.5 class about soil. Use it to answer questions 19 and 20.



18. What did the class intend to prove about soil?
-
.....

19. Why did water in soil sample B appear as seen after 30 minutes of setting the experiment?
-
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20. Write one example of a liquid animal protein.
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21. State any one importance of friction to people in day to day activities
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22. How is the human skin important in the prevention of deficiency diseases?
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23 Apart from controlling rats, how else is a cat useful at home?

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24. State any one example of an anti-social behaviour in a classroom.

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25. Give any one importance of wind as an energy resource to a P.2 child.

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26. How can a P.5 class make a razor blade float on pure water yet it is more dense than water?

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27. Mention the method of separating mixtures you can use to separate miscible liquids like water and alcohol.

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28. What makes an inflated balloon on a wedding ceremony burst during the afternoon on a hot day when not pricked?

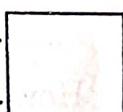
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29. Why does fish die a few minutes after being removed from water?

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30. Which part of the eye serves as the shutter of a lens camera?

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.....



31. Write one sign of oestrus in a doe.

.....
.....

32. Which of the blocks in the diagram below has more kinetic energy?

	4 th block
	3 rd block
	2 nd block
	1 st block

33. Give one difference between a millepede and a centipede.

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.....

34. State any one advantage of making alloys.

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35. Sublimation is the process by which a solid changes to a gas directly. How is this process important in our daily life?

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36. Why should a family feed its members on fully cooked meat or pork?

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37. Give one reason that may lead to early weaning in babies

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38. Insects moult to increase in size. During which stage of growth do insects carry out moulting?

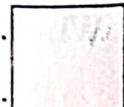
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39. How can a crop farmer control seed dormancy before planting?

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40. How is a maize plant adapted to cross pollination?

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SECTION B: 60 MARKS

41(a) To which body system does the ear belong?

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(b) By what means does sound travel in the inner ear?

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(c) Give one way the ears help in proper posture of the body.

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(d) State one way you can control temporary deafness in ears.

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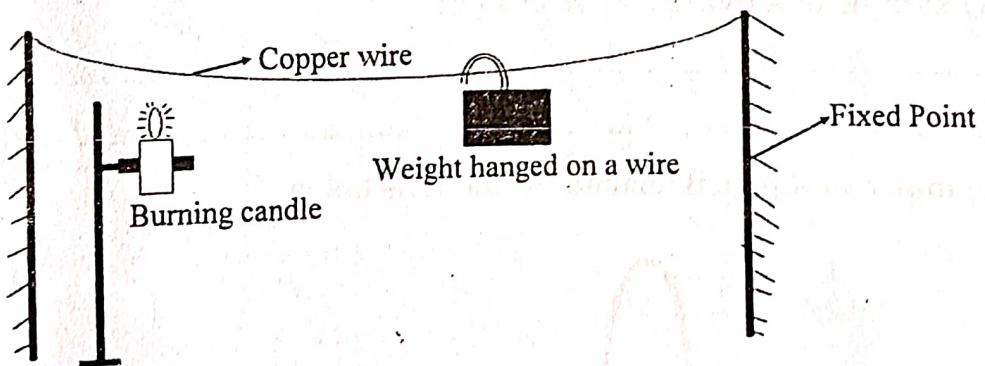
42(a) Give any two types of bacteria according to shape.

.....
.....

(b) State two ways we control the effects of bacteria in the environment.

- i)
- ii)

43. A primary five pupil carried out an experiment on heat as shown in the diagram below. Use it to answer the questions that follow.



a) Write the pupil's observation after fifteen minutes of setting the experiment.

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.....

- (b) How is the effect of heat loss managed by the P.5 pupil as he/she set up the experiment.
-
.....

- (c) Give two uses of heat in our daily life.

i)

ii)

44. *Pato left a panga outside for a night. He found it when it had got a brown powder on it.*

- (a) What do we call the brown powder formed on the panga?

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.....

- (b) Write the change that led to the formation of the brown powder on the panga.

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- (c) Give one way how the above process affects the panga.

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- (d) State one way how the above process can be prevented in metallic garden tools.

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45. List one example of a living source of light.

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.....

- b) Draw the image of a pencil formed by the lens below.



- c) A light ray glanced a plane mirror at an angle of 55° .
Calculate the angle of reflection.

46. Mention one example of a fruit that belongs to the drupes.

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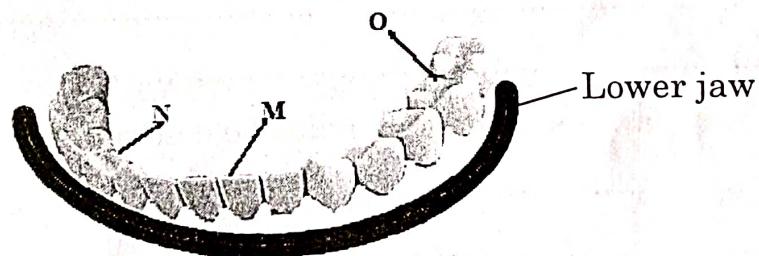
- (b) Why is a maize grain regarded to as a fruit.

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.....

- (c) Write two agents of seed dispersal

- i)
ii)

47. Study the diagram below and use it to answer the questions that follow.



- (a) Name the types of teeth marked M and O

M.....

O.....

- (b) State the function of teeth marked N.

.....
.....

- (c) Give any one way of promoting oral hygiene.

i)

ii)

48.a) State any two principles of Primary Health Care (PHC)

- i)
- ii)
- b) Give any two activities that can help in proper management of rubbish without harming the environment.
 - i)
 - ii)

49(a) Name any two materials used in production of biogas.

- i)
- ii)
- (b) Give two reasons why the use of biogas is said to be environmental friendly.
 - i)
 - ii)

50(a) Why are dogs referred to as vectors?

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(b) Name the germs that cause rabies to people.

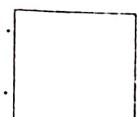
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c) In which one way can the spread of rabies be controlled in our communities?

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d) Give one way schistosomiasis is spread in people.

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51a) How are the following tuber crops harvested?

Cassava

.....
.....

Carrots

(b). Why should cassava slices be dried before storage?

(c). Give one way of preserving cassava tubers fresh after harvesting.

52. State any two ways of controlling contamination of prepared O.R.S.

(i)

(ii)

(b) Why is sugar added when preparing O.R.S

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.....

(c) Write one sign of a dehydrated patient.

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53(a) Match the following organisms to their organs of respiration.

Organism

(a). Insects

(b). Spider

(c). Earth worm

(d). Fish

Organ of Respiration

- Moist Skin

- Lungs

- Book lungs

- Spiracles

- Gills

Insects:

Spider:

Earthworm:

Fish:

54a). Mention any two examples of domestic animals that provide us with milk.

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(b). In which one way are the following animals useful to people in the community.

(i) Oxen

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(ii) Camels

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55. (a). How do V.I.P latrines help in controlling diarrheal diseases?

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(b). Give one way of controlling bad smell in a urine diversion dry toilet (UDDT).

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(c). How is the vent pipe on a V.I.P latrine related to ventilators on a house?

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(d). Why is it not advisable to pour oil in a pit latrine?

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