

# MBARARA MUNICIPAL AND JUNIOR SCHOOLS

## MID TERM III EXAMINATION 2024

### P. 5 INTEGRATED SCIENCE

Index No.

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Time Allowed : 2 hours 15 minutes

NAME: .....

STREAM: .....

SCHOOL: .....

**Read the following Instructions carefully.**

1. This paper is made up of two sections: **A** and **B**
2. Section **A** has 40 short answer questions (40 marks)
3. Section **B** has 15 questions (60 marks)
4. Attempt All questions. All working and answers for both sections **A** and **B** must be written in the spaces provided.
5. All answers must be written using a blue or black ball point pen or ink only.  
Only Diagrams should be drawn in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated for "official use only".

FOR OFFICIAL USE ONLY		
SECTION	MARKS	T / L MARKS
A		
B		
TOTAL		
TEACHER'S COMMENT		

**SECTION A**

1. What is the best type of soil for growing crops?

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2. Name the human body organ responsible for breathing.

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3. How is lateral line important in the life of fish?

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4. What is the gestation period of a nanny goat?

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5. State the best way of improving local breeds of poultry.

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**The diagram below is of a sealed bottle of soda. Use it to answer questions about it.**



6. Name the gas found at X.

---

7. Of what importance is gas X to soda?

---

8. How many stages of development does a bee have?

---

9. Give one item found in the first aid box.

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10. Which element of weather helps farmers in drying harvested crops?

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11. How is yeast different from other fungi in terms of reproduction?

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12. Mention the food deficiency disease which leads to poor night vision.

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13. How useful are ventilators in a classroom?

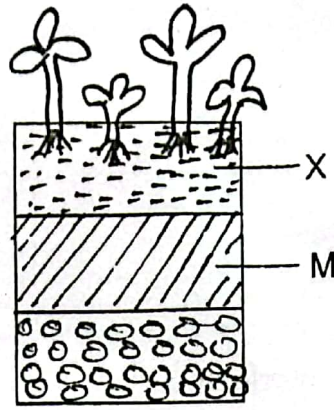
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14. Give any one type of chicken.

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Use the diagram of soil layers below to answer questions 15 and 16.



15. Name the layer marked M.

16. Why is layer marked X able to support plant growth?

17. State one way of conserving electricity at home.

18. How do hookworms enter our bodies?

19. Name the digestive juice produced by salivary gland.

20. Why is burning regarded as a chemical change?

21. Give one form of energy produced by a burning candle.

22. Name one root tuber crop pest.

23. Kato's poultry lays eggs with soft shells, what advice can you give him?

24. State one advantage of using natural fertilizers.

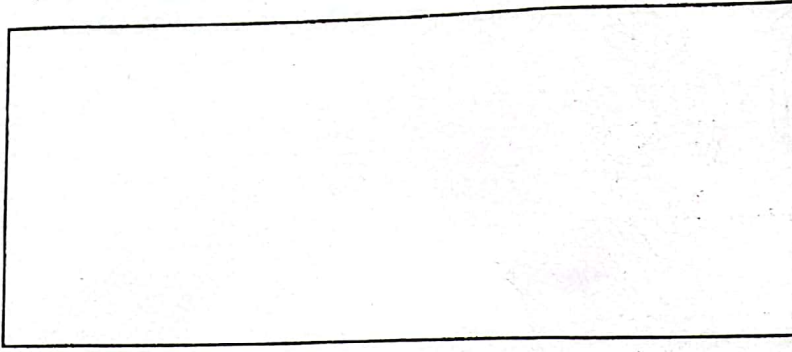
25. Give one cause of dehydration in people.

26. What happens when a leaf is placed in water?

27. Why is it not recommended to drink water prepared by filtration?

28. Give the function of a bend of a clinical thermometer.

29. In the space below, draw an illustration of a parallel leaf venation.



30. Name one breed of goats kept for milk production.

31. Why is a P.5 child advised to iron his / her uniform after washing it?

32. Give the meaning of the term "germination".

33. How important is a plate rack at home?

34. Identify any one method used to separate a mixture of rice and stones.

35. Why do insects like bees and wasps have stings?

36. Give any one living component of the environment.

37. Convert  $0^{\circ}\text{C}$  to  $^{\circ}\text{F}$ .

38. How do plants with weak stems climb others??

39. Name the type of tooth shown below.



40. In which way is the above tooth adapted to its function?



41(a) In one statement, give the meaning of social insects.

\_\_\_\_\_

(b) Mention any two examples of social insects.

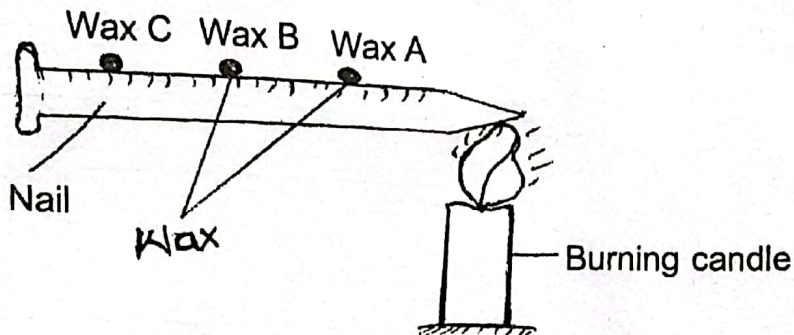
(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) What do we call insects that are not social?

\_\_\_\_\_

42. Use the diagram below to answer questions that follow.



(a) Which candle wax will melt first?

\_\_\_\_\_

(b) Give a reason to support your answer in the above.

\_\_\_\_\_

(c) By what process does heat move through the nail?

\_\_\_\_\_

(d) State any one effect of heat matter.

\_\_\_\_\_

43(a) Give the meaning of swarming.

\_\_\_\_\_

(b) Mention any two reasons why bees swarm.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) State the main function of the the drone bees in the hive.

\_\_\_\_\_

44(a) What do we call the person who gives first aid to a casualty?

\_\_\_\_\_

(b) Give two types of injuries caused by heat.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_



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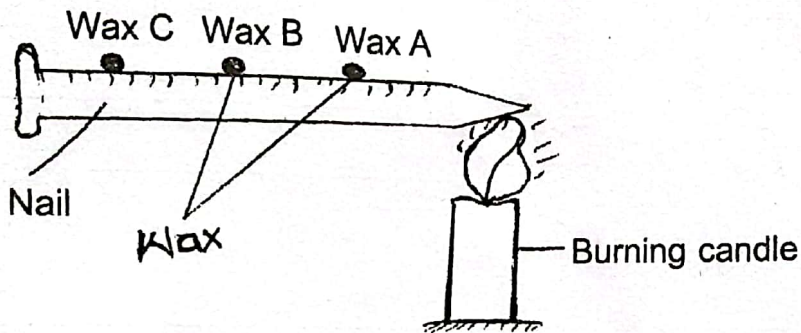
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(b) Give two types of injuries caused by heat.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Identify any one importance of giving first aid.

45. Match items in list A with those in list B correctly.

**List A**

Lack of carbohydrates  
Lack of Vitamin C  
Lack of iodine  
Lack of proteins

**List B**

Kwashiorkor  
Scurvy  
Marasmus  
Goitre

(i) Lack of carbohydrates

(ii) Lack of Vitamin C

(iii) Lack of iodine

(iv) Lack of proteins

46(a) Write **ORS** in full.

(b) Mention any two solutes used to make ORS.

(i)

(ii)

(c) Which component of **ORS** dissolves solutes.

47(a) Name one disease that attacks the digestive system.

(b) Give one disorder of the digestive system.

(c) Write down one good eating habit.

(d) State one way of keeping the digestive system in good working condition.

48. Below are steps involved in harvesting of honey in a wrong order.

(i) Cut honey combs.

(ii) Lower the hive.

(iii) Smoke the hive.

(iv) Open the hive.



**Rewrite them in correct order.**

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- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_
- (iii) \_\_\_\_\_
- (iv) \_\_\_\_\_

49(a) Give any one type of soil.

\_\_\_\_\_

(b) State any two components of soil.

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

(c) Give any one way of controlling soil erosion on the school compound.

\_\_\_\_\_

50(a) Why is free range system commonly practiced in rural areas?

\_\_\_\_\_

(b) What is the incubation period of a hen?

\_\_\_\_\_

(c) Name any one type of poultry.

\_\_\_\_\_

(d) State one disadvantage of litter in a poultry house.

\_\_\_\_\_

51(a) Name two raw materials of photosynthesis.

- (i) \_\_\_\_\_
- (ii) \_\_\_\_\_

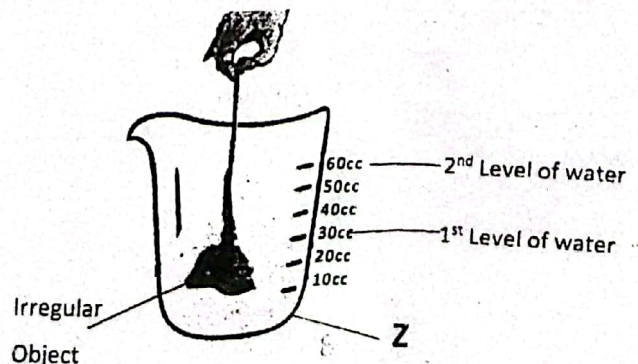
(b) How is chlorophyll useful during photosynthesis?

\_\_\_\_\_

(c) How is photosynthesis important to animals?

\_\_\_\_\_

52. Study the experiment about finding volume of irregular objects and use it to answer questions that follow.





(a) Name the instrument labelled Z.

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(b) What method of finding volume is shown above?

(c) If the mass of the irregular object is 60g, calculate its density. (2 mks)

53(a) Name the garden tool used for digging.

(b) State any two ways of caring for garden tools.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) How is rusting a danger to garden tools?

54(a) Name one product got from rabbits.

(b) Write down atleast two types of records kept on a rabbit's farm.

(i) \_\_\_\_\_

(ii) \_\_\_\_\_

(c) Why do most farmers prefer rearing rabbits to cows?

55. Complete the table below correctly.

Disease	Vaccine	Site
(i) _____	Measles vaccine	Left upper arm
Tuberculosis	(ii) _____	Right upper arm
Polio	Polio vaccine	(iii) _____
Pertussis	(iv) _____	Left upper thigh