



MK INTERNATIONAL SCHOOL

MOCK EXAMINATION (2024)

SUBJECT : INTEGRATED SCIENCE

CLASS : PRIMARY SEVEN

DURATION : 2 hours 15 minutes

Index No.					Personal No.		

Name : _____

School : _____

District : _____

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This paper has two sections, A and B.
2. Section A has 40 questions (40 marks).
3. Section B has 15 questions (60 marks).
4. Attempt all questions in both sections, answers to both sections A and B must be written in the spaces provided.
5. All answers be in the blue or black ball point pen or ink. Only diagrams and graphs work must be done in pencils.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot be easily may lead to loss of marks.
8. Do not fill anything in the boxes indicated:
"FOR EXAMINATION USE ONLY"

FOR EXAMINER'S

USE ONLY

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SECTION A (40 MARKS)

1. Give any **one** method of making a magnet.

2. What is the function of valves in the heart?

3. Mention **one** living component of the environment.

4. Name the germs that causes malaria.

5. Identify the example of permanent magnet shown below.



6. What system is responsible for the movement of blood around the body?

7. Which type of electricity is produced by rubbing rubbing insulators?

8. Name the type of germination common in cereal crops.

9. Define **reflection of light**.

10. How is **mulching** important in the garden?

11. Name the vaccine given to babies at the age of nine months.

12. Identify the main cause of fainting.

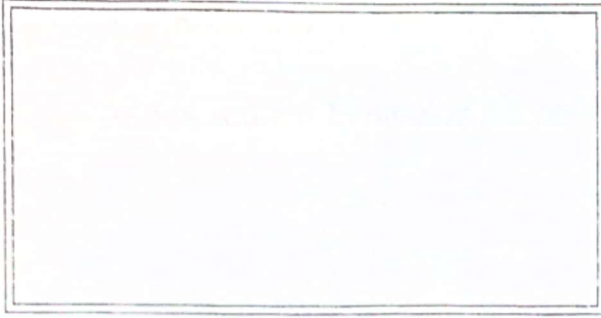
13. Why do insects visit flowers?

14. Which part of a seed develops into a new plant.

15. Give any **one** cause of bottle feeding.

16. How does painting prevent rusting of iron tools.

17. In the space below draw and label the parts of a stamen.



18. What is a **magnet**?

19. Mention any **one** example of biological change in the environment.

20. What type of leaf do cassava have?

21. Name any **one** way of preserving fish.

22. How do people benefit from a lion?

23. Give the importance of a veranda on the house.

24. Which type of cattle is kept for doing work?

25. How does a hook worm enter in our body?

26. Mention any **one** agent of soil erosion.

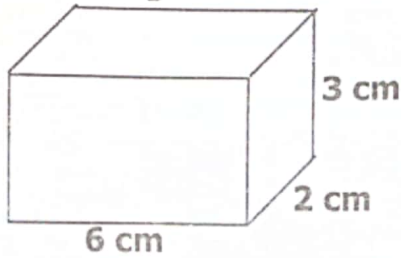
27. How is the ventilators important to the house?

28. Name the type of chicken kept for meat production.

29. List **one** example of monocots.

30. State the use of a strip cup in cattle keeping.

31. Use the diagram below to answer the following question.



Find the volume of the box above.

32. How does a **fly-over** promote safety of pedestrians?

33. State **one** importance of washing hands before eating food.

34. What food value do we get from honey?

35. State any **one** role of children at home.

36. Write **STD's** in full.

37. Convert **30°C** to **°F**.

38. Name the form of energy stored in dry cell.

39. Name the gas used to support burning.

40. Who is a **casualty**?

SECTION B (60 MARKS)

- 41a) What is **weather**?

- b) Name the instrument used to measure;-

i) **temperature** _____

ii) **atmospheric pressure** _____

c) State the units used measuring temperature

42a) Give **two** types of immunity.

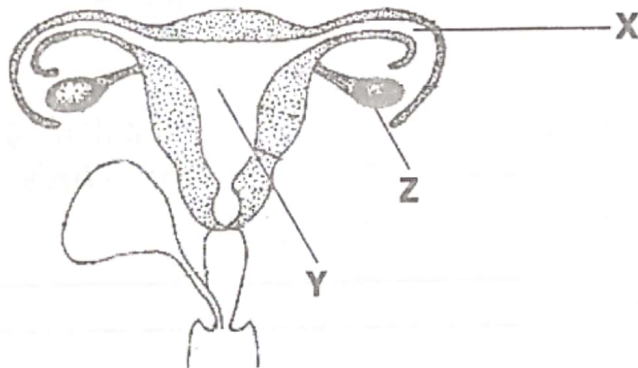
i)

ii)

b) How does a body acquire immunity?

c) Define **immunisation**.

Study the diagram carefully and answer the following questions below.



43a) Name the part marked with letter **X** and **Z**.

i) **X**

ii) **Z**

b) Which process takes place in part **Y**.

c) Give the function of the amniotic fluid.

44a) Mention **two** reasons why plants climb others.

i)

ii)

b) Write down any **two** methods used by plants to climb others.

i)

ii)

45a) State the meaning of the term **sex deviation**.

b) Name any **one** cause of sex deviation.

c) State any **two** forms of sexual deviation.

i) _____

ii) _____

46a) Write down **three** methods of plant training.

i) _____

ii) _____

iii) _____

b) Mention **one** use of plant training.

47. Match the following items in list A and those in list B.

List A

- a) Hydro electricity
- b) Thermal electricity
- c) Nuclear electricity
- c) Solor electricity

List B

- The sun
- Uranium
- Fast flowing water
- Fossil fuels

Hydro electricity

Thermal electricity

Nuclear electricity

Solor electricity

48a) What are **social problems**?

b) Outline **two** examples of social problems.

i) _____

ii) _____

c) How can one solve the above social problems?

49a) Define the following terms;

i) **Ligament.**

ii) **Tendon.**

b) State **two** importances of a skeleton.

i) _____

ii) _____

50a) Mention any **two** uses of sound to man.

i) _____

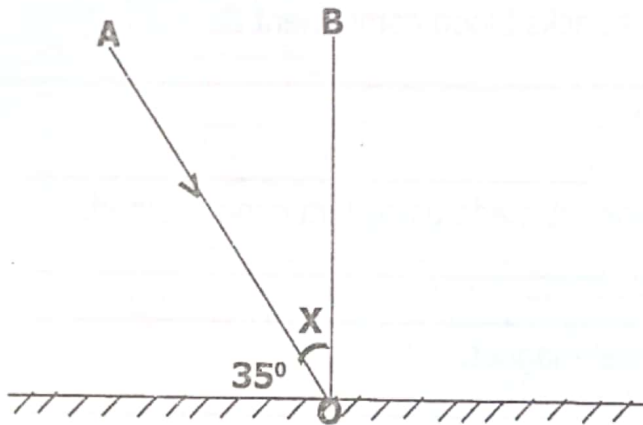
ii) _____

b) Give **two** ways of storing sound.

i) _____

ii) _____

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



a) Complete the above diagram.

b) Calculate the value of angle **X**.

c) Identify the above type of reflection

52a) In **one** sentence, give the meaning of the term **nutrition**.

b) How is food useful in the body?

c) Give any **two** reasons why people eat food.

i) _____

ii) _____

53a) Name blood components drawn below.



i) _____ (ii) _____

b) How useful is blood component Y?

c) Name **one** disease that attacks blood component Z.

54a) State the law of magnet.

b) What do we call the magnet made using induction method.

c) State **two** types of natural magnet.

i) _____

ii) _____

55a) How does heat travel through the following;

i) **solids** _____

ii) **liquids** _____

iii) **vacuum space** _____

b) State the importance of chimney on the kitchen.

***** GOOD LUCK *****