



# MOTHER MAJERI PRIMARY SCHOOL

## INTERNAL PRE- MOCK (SET 1)EXAMINATIONS, 2022

CLASS : P.7  
SUBJECT : INTEGRATED SCIENCE  
DURATION : 2 HOURS 15 MINUTES

Candidates Name ..... Stream:.....

Index No. 

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Candidates' Signature .....

School EMIS No:.....

District Name .....

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

**Read the following instructions  
carefully**

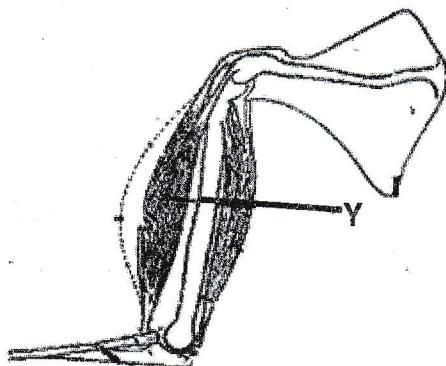
1. This paper is made up of two Sections: A and B.
2. Section **A** has 40 questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Attempt all questions. Answers to both sections must be written in the spaces provided.
5. All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will **NOT** be marked.
6. Crossing out of answers will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.

| FOR EXAMINERS USE ONLY |      |      |
|------------------------|------|------|
| QN. NO.                | MARK | SIGN |
| 1-10                   |      |      |
| 11-20                  |      |      |
| 21-30                  |      |      |
| 31 - 40                |      |      |
| 41 - 50                |      |      |
| 51                     |      |      |
| 52                     |      |      |
| 53                     |      |      |
| 54                     |      |      |
| 55                     |      |      |
| <b>TOTAL</b>           |      |      |

## **SECTION A( 40 Marks)**

1. Name the type soil with the finest particles.  
\_\_\_\_\_
2. Why is the amount of rainfall received in an area measured in millimetres?  
\_\_\_\_\_
3. How are bacteria useful to crop farmers?  
\_\_\_\_\_
4. Mention the sense organ destroyed by leprosy disease.  
\_\_\_\_\_

***Use the diagram below to answer questions 5 and 6***



5. Name the bone marked Y  
\_\_\_\_\_
6. What happens to muscles when the arm is straightened?  
\_\_\_\_\_
7. Why can't copper be used for making magnets?  
\_\_\_\_\_
8. How do plants benefit from animals during photosynthesis?  
\_\_\_\_\_
9. State the importance of a dustbin in the classroom.  
\_\_\_\_\_
10. Give any one reason why farmers castrate their male animals.  
\_\_\_\_\_
11. State the difference between mass and weight in terms of measurement.  
\_\_\_\_\_
12. Write down any one property of pure water.  
\_\_\_\_\_

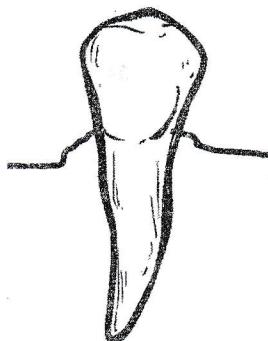
13. State any one natural method of family planning.

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14. Give any one example of a plant fibre.

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**Use the diagram of the tooth below to answer questions 15 and 16.**



15. State the function of the above type of tooth.

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16. How is the above tooth adapted to its function?

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17. State any one cause of common sicknesses at school.

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18. How does brushing of teeth with tooth paste promote oral health?

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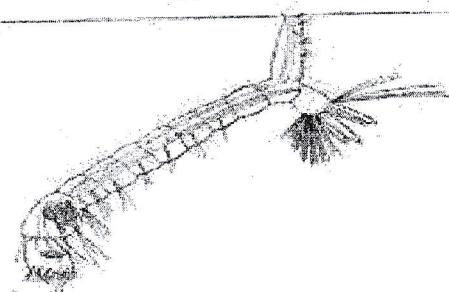
19. In which one way can the wind be used as an energy resource?

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20. Name any one vaccine administered to babies at 14 weeks.

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**Use the larva of a certain type of mosquito below to answer questions 21 and 22.**



21. Mention the type of mosquito whose larva is shown above.

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22. Write down the disease spread by the mosquito that develops from the above larva.

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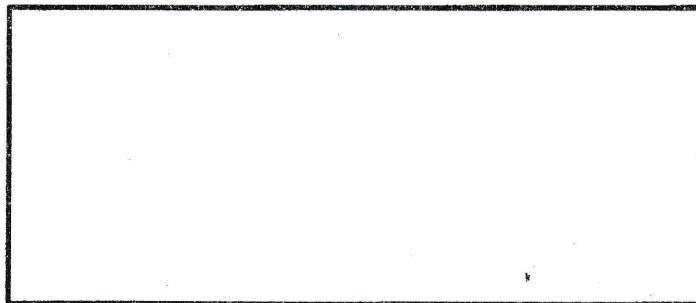
23. What name given to the turning point of a machine?

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24. Name the breed of rabbits kept for fur production.

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25. In the space provided below, draw a lens used to correct short sightedness.



26. Which deficiency disease causes swelling of the gland in the neck?

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27. How does smoke move out of the kitchen through the chimney?

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28. Write down the role of plants in the water cycle.

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29. To which group of birds does a marabou stork belong?

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30. Apart from the alimentary canal, mention any one organ that helps in digestion of food.

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31. Give one sign of a severe burn.

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32. State any one function of the human skin.

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33. State any one service provided to women during maternal and child health care

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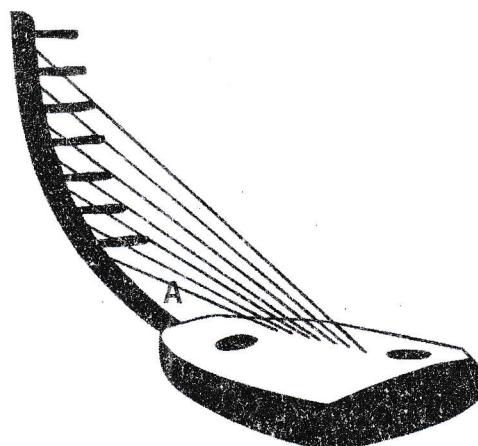
34. Write down any one effect of alcoholism to the family.

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35. Which method of heat transfer helps farmers to dry their harvested crops?

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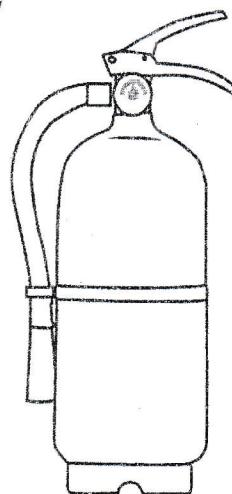
**Use the musical instrument below to answer questions 36 and 37.**



36. Why does string A produce the highest pitch of sound?
- 
37. How can we change the pitch of sound produced by the above musical instrument?
- 
38. Write down any one way of controlling the spread of diseases in goats.
- 
39. Mention any one by-product of respiration.
- 
40. Why is the worker bee said to be sterile?
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**SECTION B (60 Marks)**

41. The diagram below shows a safety equipment. Study and use it to answer the questions that follow

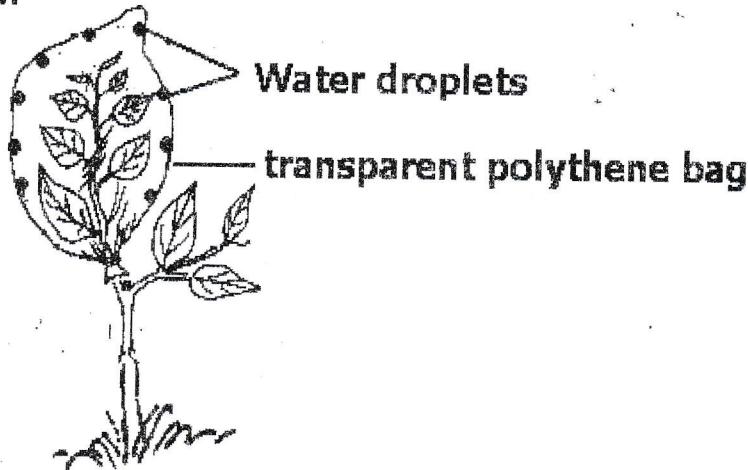


- a) Name the safety equipment shown above.
-

- b) Which gas is used in the above equipment?  
\_\_\_\_\_
- c) Why is the above equipment placed on buildings in factories?  
\_\_\_\_\_
- d) Why is the above safety equipment painted with bright colours?  
\_\_\_\_\_
42. a) What happens to pollen grains when deposited on the stigma?  
\_\_\_\_\_
- b) Give any two agents of pollination?  
i) \_\_\_\_\_  
ii) \_\_\_\_\_
- c) Name the reproductive part of a flower that produces pollen grains.  
\_\_\_\_\_
43. a) Identify the type of joint found at the following parts of the body.  
i) Shoulder \_\_\_\_\_  
ii) Wrist \_\_\_\_\_
- b) State any one function of bones in the human body.  
\_\_\_\_\_
- c) Write down any one way of maintaining the proper working of the skeletal and muscular system.  
\_\_\_\_\_
44. a) Mention any two examples of non-renewable energy resources.  
i) \_\_\_\_\_  
ii) \_\_\_\_\_
- b) Why is the water regarded as a renewable energy resource?  
\_\_\_\_\_
- c) State any one way of conserving non-renewable energy resources.  
\_\_\_\_\_
45. a) Give the difference between active smoking and passive smoking.  
\_\_\_\_\_
- b) Name the addictive substance found in tobacco.  
\_\_\_\_\_
- c) State any one effect of tobacco smoking to an expectant mother.  
\_\_\_\_\_

- d) Apart from lung cancer, mention any one other respiratory disease caused by tobacco smoking.

46. The experiment below shows a plant process. Study and use it to answer questions that follow.



- a) Identify the plant process shown above.
- b) By what process are the water droplets inside the polythene bag formed?
- c) State any one factor that affects the above plant process.
- d) How is the above process important in the environment?

47. a) State any two characteristics of chemical changes

i) \_\_\_\_\_  
iii) \_\_\_\_\_

- b) Write down any two examples of physical change that need low temperature to take place.

i) \_\_\_\_\_  
ii) \_\_\_\_\_

48. The table below shows lists of animals. Study and use it to answer questions that follow.

| List A  | List B   | List C    | List D      |
|---------|----------|-----------|-------------|
| Crab    | Spider   | Centipede | Butterfly   |
| Prawn   | Tick     | Millipede | Grasshopper |
| Lobster | Scorpion |           | Blackfly    |

- a) State any two differences between the animals in list B and those in list D.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) State any one way in which all organisms in the table above are similar.
- c) From which fibre do spiders make webs?
- 49.
- a) Name any two devices that use electricity and magnetism.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) In which direction does a freely suspended magnet rest?
- c) State any one uses of electricity at home.

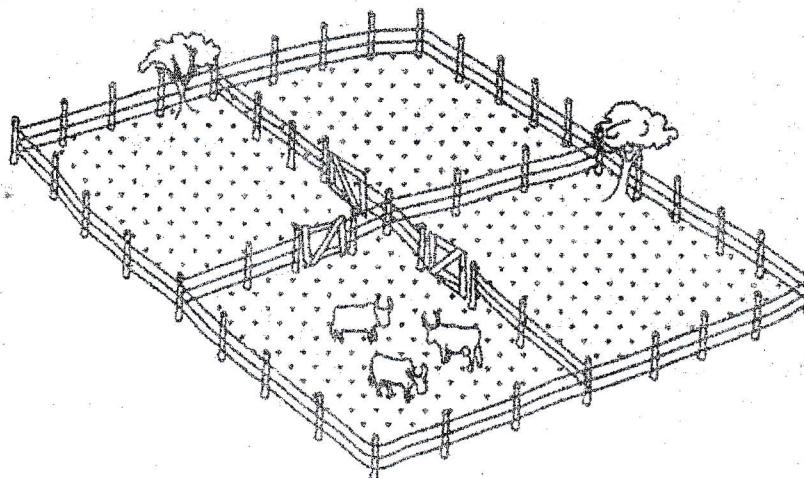
50. Use the food chain below to answer the questions that follow



- a) Identify the following organisms in the above food chain.
- i) producer \_\_\_\_\_
- ii) primary consumer \_\_\_\_\_
- b) What do the arrows represent in the above food chain?
- c) What role do bacteria play in the food chain?
- 51.
- a) Write down any two signs of egg eating in poultry.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) Give any one cause of egg eating on a poultry farm.
- c) State any one way of controlling egg eating in poultry.

52. a) What type of immunity does a baby get from the mother during pregnancy.  
b) Why is DPT vaccine regarded as a triple vaccine?  
c) State any two ways a P.7 pupil can promote immunisation in the community.  
i)  
ii)

53. The diagram below shows a method of grazing cattle. Study and use it to answer questions that follow



- a) Name the method of grazing cattle shown above.  
b) State any two advantages of the above method of grazing.  
i)  
ii)  
c) Write down one disadvantage of the above method of grazing cattle.
54. a) Give any one artificial source of light.  
b) Why is the moon not regarded as a source of light?  
c) State any one law of reflection of light.  
d) Write down any one importance of reflection of light to man.

55. a) State two ways bush burning reduces on soil formation.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_
- b) Name two crop growing practices done by farmers in hilly areas to control soil erosion.
- i) \_\_\_\_\_
- ii) \_\_\_\_\_

**End**

