SEETA JUNIOR SCHOOLS EXAMINATIONS BOARD

JOINT MID TERM III EXAMINATION

2026

INTEGRATED SCIENCE

PRIMARY SIX

Time Allowed: 2 hours 15 minutes

PUPIL'S NAME : .....

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

Read the following instructions carefully:

1. This paper has two sections: **A** and **B**.
2. Section **A** has 40 questions (40 marks). Section **B** has 15 questions (60 marks).
3. Answer all questions. All answers to both Sections **A** and **B** must be written in the spaces provided.
4. All answers must be written using a blue or black ball-point pen or fountain pen.
5. Unnecessary changes of work may lead to loss of marks. All diagrams must be drawn in pencil.
6. Any handwriting that cannot easily be read may lead to loss of marks.
7. Do not fill anything in the boxes indicated: **"For Examiners' Use Only"**

FOR EXAMINERS' USE ONLY		
Qn. No.	**MARKS**	**EXRS' IN.**
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 45		
46 – 50		
51 – 55		

SECTION A**: (40 MARKS)**

(Questions **1** *to* **40** *carry one mark each.)*

1. Name any **one** example of a renewable resource.

.....

2. Why is distilled water not good for drinking?

.....

3. How can children control the spread of diarrhoeal diseases at school?

.....

4. Which component of soil is formed from decomposition of organic matter?

.....

5. Give any **one** importance of heat energy to people.

.....

6. Name the important process which takes place in body cells.

.....

7. State any one role of saliva during digestion of food.

.....

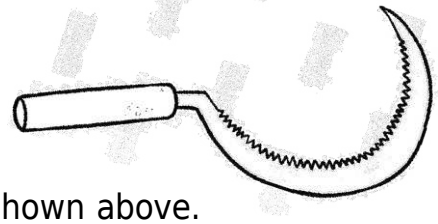
8. Name **one** dangerous substance found in tobacco.

.....

9. Why is a spider and a housefly grouped under arthropods?

.....

Use the diagram of a common garden tool below to answer questions 10 and 11.



10. Name the garden tool shown above.

.....

11. How is the garden tool shown above useful to a crop farmer?

.....

12. What first aid is administered to a child who has fainted?

.....

13. Name any **one** example of birds of prey.

……

14. In which way are honey bees useful to flowering plants?

……

15. To which group of musical instruments does a tube fiddle belong?

……

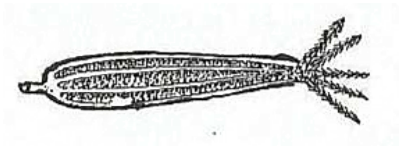
16. How does too much noise around bee hives affect bee keeping?

……

17. Mention the element of weather that enables farmers to dry their harvested crops.

……

The diagram below shows a black jack. Use it to answer question 18 and 19.



18. Name the agent that disperses the above fruit/seed.

……

19. How is the above seed adapted to its mode of dispersal?

……

20. Write any **one** example of commonly abused drugs in Uganda.

……

21. How can a mixture of maize flour and iron pins be separated?

……

22. Why is rusting regarded as a chemical change?

……

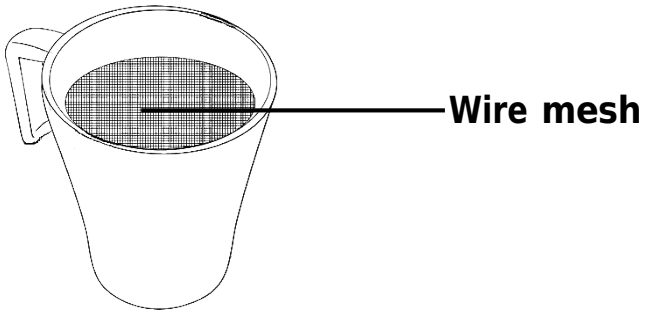
23. Why should a rain gauge be place in an open area?

……

24. Which part of the human digestive system carries out absorption of digested food?

……

Below is a tool that is found on a dairy farm. Use it to answer question 12 and 13.



25. Identify the farm tool shown above.

……

26. How is the above tool useful on a dairy farm?

……

27. Why is it important for a family to have a father?

……

28. Mention any **one** way of controlling diseases without using drugs.

……

29. Name any **one** type of poultry kept in Uganda.

……

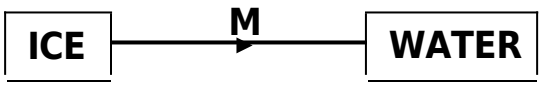
30. Identify **one** way pineapples can be propagated.

……

31. What is a first aid kit?

……

Study the diagram below and answer question 32 and 33.



32. In which state of matter is ice?

……

33. Name the process marked with letter **M**.

……

34. What type of immunity does the baby acquire from mother during breast feeding?

……

35. Give any **one** way soil erosion can be controlled in hilly places.

……

36. Why are pregnant women grouped under vulnerable people?

……

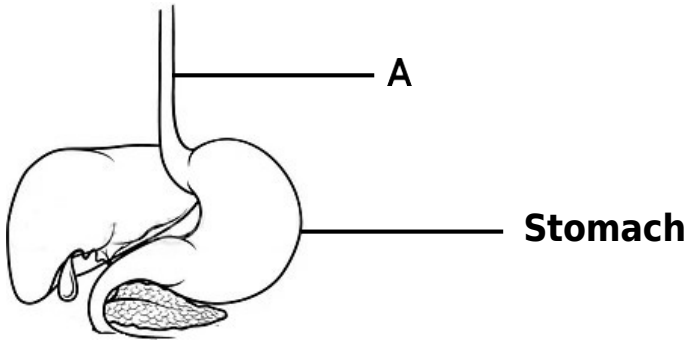
37. Name any **one** material transported by blood plasma in the body.

……

38. Give any **one** similarity between birds and mammals.

……

The diagram below shows part of the human alimentary canal. Use it to answer question 39 and 40.



39. Use an arrow and letter **P** to show the part that stores bile juice on the above diagram.

40. By what process does food from the mouth move through part A to the stomach?

……

SECTION B: (60 MARKS)

(Questions 41 to 55 carry four marks each.)

41. (a) What is soil profile?

……

……

(b) Name the soil layer that support the growth of crops.

……

(c) Apart from crop growing, state **two** other uses of soil to people.

(i).....

(ii).....

42. (a) Which part of a mushroom produces spores for reproduction?

.....

(b) Apart from mushrooms, name any **one** example of useful fungi.

.....

(c) How are mushrooms similar to ferns in terms of reproduction?

.....

(d) Why are mushrooms not grouped under plants?

.....

43. **<u>The diagram below shows two types of teeth. Study and use them to answer questions that follow.</u>**



(a) Identify the type of tooth marked **P**.

.....

(b) How is tooth marked **K** different from tooth **P** in terms of their function?

.....

.....

(c) In which way is tooth **K** adapted to its function?

.....

(d) State any **one** way a person can care for the above teeth.

.....

44. (a) Mention the **two** types of smoking.

(i).....

(ii).....

(b) How is the habit of smoking tobacco dangerous to a pregnant woman?

.....

(c) Write any **one** life skill that can safeguard youths from dangers of smoking.

.....

45. (a) State any **two** structural differences between veins and arteries.

(i).....

(ii).....

(b) Name the blood vessel that transports oxygenated blood from the heart to the head and other body parts.

.....

(c) How can a person keep the circulatory system in a healthy working condition?

.....

46. (a) Which form of energy enables people to hear music at the neighbour hood?

.....

(b) In which way is pitch different from volume as used in sound?

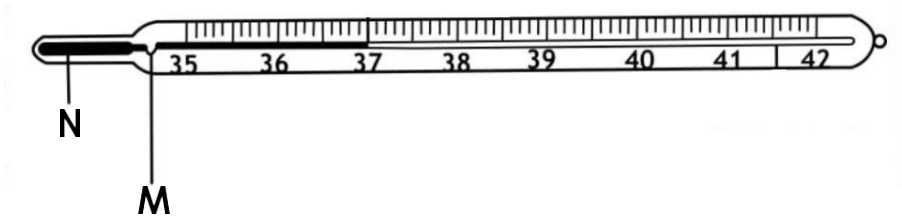
.....

(c) Write any **two** devices that are used to store sound.

(i).....

(ii).....

47. **<u>Use the diagram of a clinical thermometer below to answer the questions that follow.</u>**



(a) Name the parts marked **M** and **N**.

(i) **M** .....

(ii) **N** .....

(b) State the function of the part marked **M**.

.....

(c) How can a health worker reset the above thermometer?

.....

48. **Use the list of vertebrates below to answer the following questions.**

X	Y	Z	P
Lizard	Toad	Lion	Eagle

(a) Identify the type of fertilization that animal in **Y** undergo.

.....

(b) How is the animal **Z** different from other animals in the table in terms of reproduction?

.....

(c) Name any **one** other group of vertebrates not included in the above table.

.....

(d) Give any **one** animal that can be grouped together with a toad in group **Y**.

.....

49. (a) Mention any **one** example of each of the following changes;

(i) Physical changes .....

(ii) Biological changes

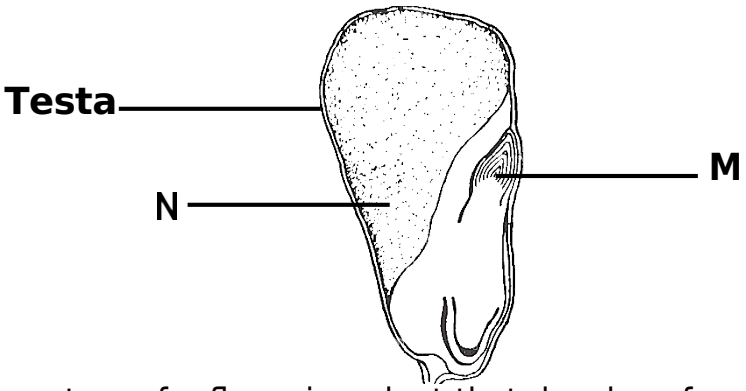
.....

(b) Give **two** characteristics of chemical changes.

(i).....

(ii).....

50. **Study the diagram of a seed below and answer the questions that follow.**



(a) Name the system of a flowering plant that develops from part marked **M**.

.....

(b) How is the function of part **N** similar to that of a cotyledon of a bean seed?

……

(c) Why is the above seed said to be a fruit?

……

(d) What type of germination does the above seed undergo?

……

51. (a) Which component of air is needed for the following process;

(i) Photosynthesis?

……

(ii) Respiration?

…… (b)Give any **two** dangers of strong wind in the environment.

(i)……

(ii)……

52. (a) Name the unhealthy body condition controlled by taking **ORS**.

……

(b) Mention **two** solutes used in preparation of **ORS**.

(i)……

(ii)……

(c) Why is it advisable to wash hands before preparing **ORS**?

……

53. (a) Mention any **two** ways in which water can be polluted.

(i)……

(ii)……

(b) Besides using chemicals, give **one** other ways of killing germs in water.

……

(c) How can dirty water be made clean for washing clothes?

……

54. (a) Name the deficiency diseases that results from shortage of the following mineral salts in the diet;

(i) Iron

……

(ii) Iodine

……

(b) Give any **one** local method of preserving food.

.....

(c) Why do people eat food?

.....

55. (a) Give the meaning of poultry vices?

.....

.....

(b) Write any **two** poultry vices.

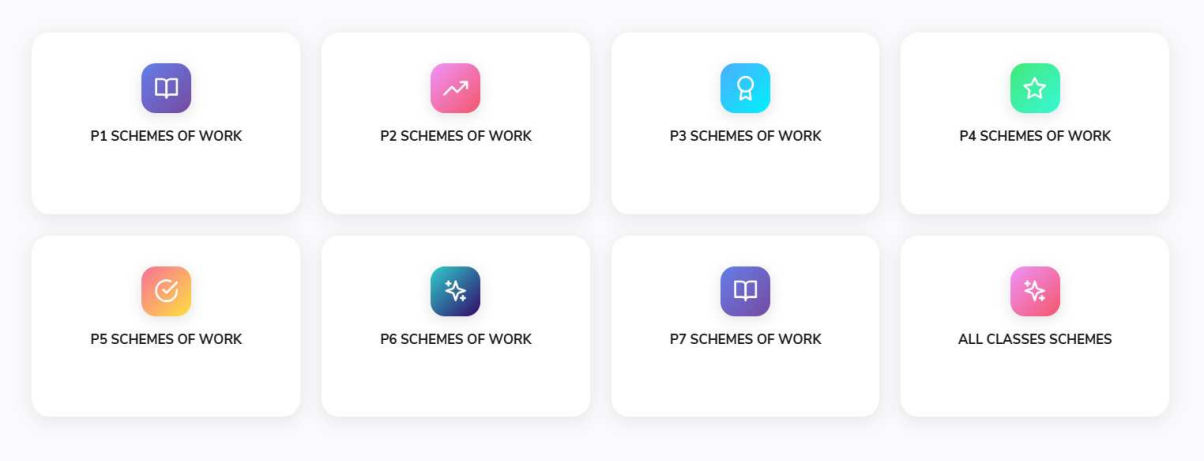
(i).....

(ii).....

(c) How can a farmer control poultry vices on his farm?

*****THE END*****

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