SEETA JUNIOR SCHOOLS EXAMINATIONS BOARD

# JOINT MID TERM III EXAMINATION

**2026**

# INTEGRATED SCIENCE

**PRIMARY FIVE**

***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 the highest clouds in the sky.

……

**2.** Which deficiency disease is caused due to lack of proteins in the diet?

……

**3.** Why is it important to chew food properly before swallowing it?

……

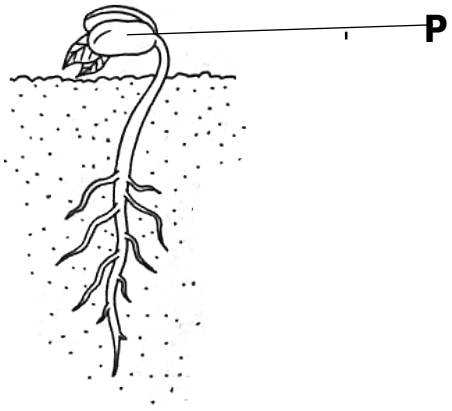
**4.** Write down **one** characteristic of sinking objects.

……

**5.** In which way do earthworms improve on soil aeration?

……

**Use the diagram of a germinating bean seed below to answer questions 6 and 7.**




**6.** Name the type of germination shown in the diagram above.

……

**7.** State the function of part **P** to the above germinating seed.

……

**8.** Give any **one** way of preventing dampness in a poultry house.

……

**9.** State **one** way of managing sunny weather.

……

**10.** Name the vector that spreads elephantiasis to people.

……

**11.** Which weather instrument is used to measure the speed of wind?

.....

**12.** Write down **one** way of controlling worm infestation among children.

.....

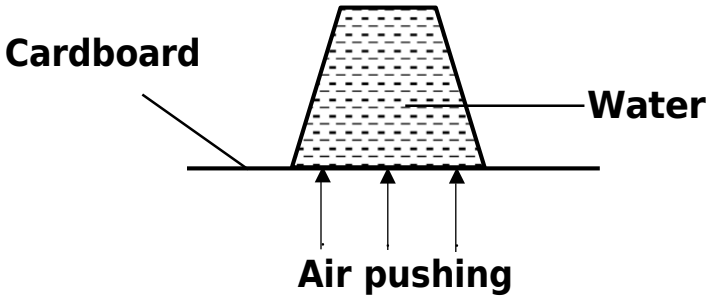
**13.** How is saliva useful during the process of digestion?

.....

**14.** Name the method used to separate beans from husks.

.....

**<u>The diagram below shows a property of air. Use it to answer questions 15 and 16.</u>**




**15.** Name the property of air shown in the diagram above.

.....

**16.** Apart from enabling us to take drinks using a straw, state **one** other importance of the above property of air to people.

.....

**17.** Name the structure that enable a bee to balance during flight.

.....

**18.** How is a child health card useful to a mother?

.....

**19.** Give **one** reason why heat moves fastest in gases.

.....

**20.** Mention any **one** type of poultry.

.....

**21.** Name **one** material used to promote oral hygiene.

.....

**22.** State any **one** advantage of using natural fertilizers.

.....

**23.** Why are mushrooms unable to make their own food?

.....

**24.** State any **one** activity carried out to control weeds in gardens.

.....

**25.** Apart from terracing, mention **one** other way of controlling soil erosion in hilly areas.

.....

**26.** Which body sense enables us to know whether tea is hot?

.....

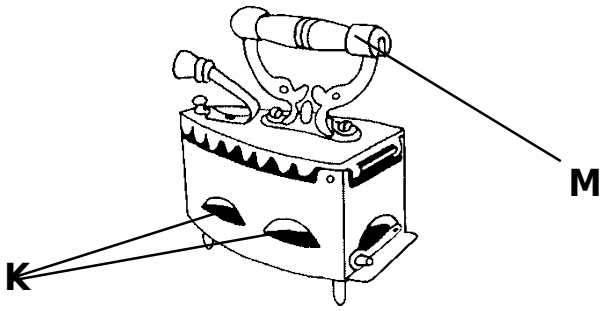
**27.** State any **one** way of controlling diarrheal disease in our school.

.....

**28.** Why is it a good habit to brush our teeth after every meal?

.....

**Use the diagram of an iron below with burning charcoal to answer questions 29 and 30.**




**29.** Identify **one** material used to make part marked **M**.

.....

**30.** State what will happen to the burning charcoal inside the iron if holes marked **K** are closed.

.....

**31.** Give any **one** way vectors spread diseases top people.

.....

**32.** How is chlorophyll useful to plants during the process of photosynthesis?

.....

**33.** Give a reason why cooking oil and water do not mix together.

.....

**34.** Which type of family is comprised of parents, biological children, a maid and a gate keeper?

.....

**35.** Why should roughage be included in our diet?

.....

**36.** State **one** reason why some people keep rabbits.

.....

**37.** Apart from carrots and cassava, mention **one** other example of root tubers.

.....

**38.** Give any **one** importance of preserving food before storage.

.....

**39.** State **one** way crop farmers improve on soil fertility in their gardens.

.....

**40.** Write down **one** use of heat at home.

.....

## SECTION B: (60 MARKS)

**(Questions 41 to 55 carry four marks each.)**

**41.** (a) Mention any **two** examples of exotic breeds of rabbits.

(i).....

(ii).....

(b) Why are caged hutches raised a few metres above the ground?

.....

(c) Name **one** disease of rabbits.

.....

**42.** (a) Write down **one** vaccine given to babies at birth.

.....

(b) Apart from immunisation, state **one** other way babies obtain immunity.

……

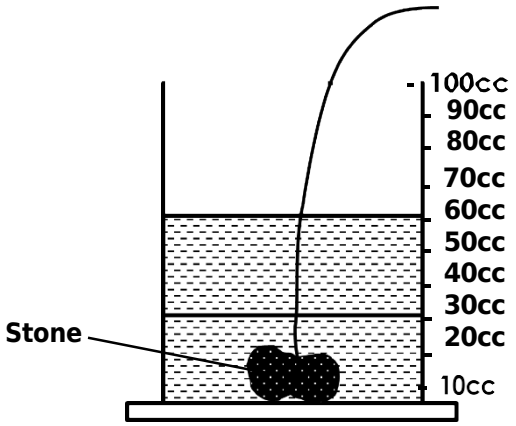
(c) Which immunisable disease spreads through open wounds and cuts.

……

(d) State **one** role of a family in promoting immunisation programme.

……

**43. <u>The diagram below shows a method used to find volume. Use it to answer questions</u> <u>that follow.</u>**




(a) Name the type of objects whose volume is found using the above method.

……

(b) Find the volume of the stone in the diagram above. **(2marks)**

(c) Identify the container used in the above experiment.

……

**44.** (a) What does the phrase **"synthesis"** mean in photosynthesis?

……

(b) How do plants benefit from the process of photosynthesis?

……

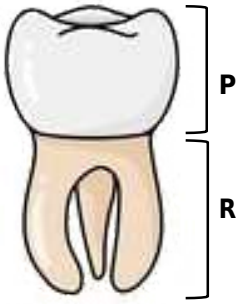
(c) Name **one** useful product of photosynthesis.

……

(d) Mention any **one** raw material that enables photosynthesis to take place.

……

**45.** **<u>The diagram below shows a human tooth. Use it to answer questions that follow.</u>**




(a) Identify the region of tooth marked.

(i) **R** ……

(ii) **P** ……

(b) Name **one** mineral salt that makes region **P** strong.

……

(c) State the function of the above type of tooth.

……

**46.** (a) Identify the type of soil with the following characteristics;

(i) Rough with large air spaces.

……

(ii) Hardest when dry

……

(b) Why is loam soil the best for crop growing?

……

(c) State any **one** importance of soil to people.

……

**47.** (a) Identify the type of changes to which the following belong;

(i) Ripening of fruits. ……..

(ii) Rusting of metals. ……

(b) In which **one** way is rusting useful to soil?

……

(c) State **one** way of controlling drought in the environment.

.....

**48.** (a) What are tuber crops?

.....

.....

(b) Mention **one** example of pests that attack tuber crops.

.....

(c) In which **one** way do pests affect tuber crops?

.....

(d) How can crop farmers control tuber crop pests in gardens?

.....

**49.** **The following are steps involved in obtaining salt from a mixture of sand and salt. Rearrange them according to their order of occurrence.**

(i) Add water to the mixture and stir to dissolve the salt.

(ii) Heat the solution to dryness.

(iii) Put the mixture of sand and salt in a container.

(iv) Filter to remove sand from the solution.

(i).....

(ii).....

(iii).....

(iv).....

**50.** (a) What is dehydration?

.....

.....

(b) Mention any **two** causes of dehydration.

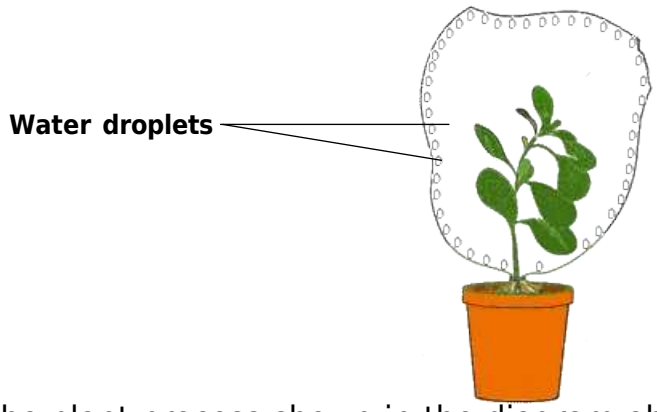
(i).....

(ii).....

(c) Why should a dehydrated person be given plenty of fluids?

.....

**51. <u>The diagram below shows a plant process in leaves. Use it to answer questions that follow.</u>**




(a) Identify the plant process shown in the diagram above.

.....

(b) Why are water droplets formed in the polythene bag as shown in the diagram?

.....

(c) State **one** factor that affects the above process in plants.

.....

(d) How is the above process important in plants?

.....

**52.** (a) Name the female sterile bee in the bee colony.

.....

(b) State any **two** causes of swarming in the bee colony.

(i).....

(ii).....

(c) Mention any **one** bee enemy.

.....

**53.** (a) State the importance of the following instruments when giving first aid;

(i) Splints

.....

(ii) Arm sling

.....

(b) Why should first aid be given to casualties?

.....

(c) Give any **one** quality of a good first aider.

.....

**54.** (a) Apart from deep litter system, mention any other **two** systems of keeping poultry.

(i).....

(ii).....

(b) State any **two** advantages of a deep litter system.

(i).....

(ii).....

**55. Match the following terms in list A to their meanings in list B.**

| **List A** | **List B** |
|---|---|
| Staking | covering of top soil with dry plant materials. |
| Pruning | removal of excess seedling from the garden. |
| Mulching | giving support to plants with weak stems. |
| Thinning | removal excess leaves or branches from a plant. |

(i) Staking .....

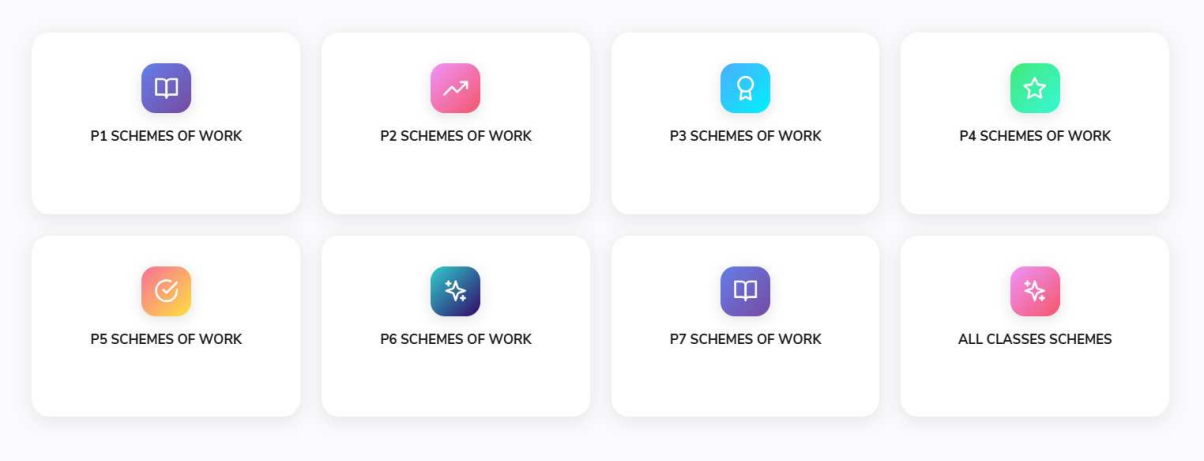
(ii) Pruning .....

(iii) Mulching .....

(iv) Thinning .....

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

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