SMILE EXAMINATIONS BOARD 2025

END OF TERM II EXAMINATION, 2026

INTEGRATED SCIENCE

PRIMARY SEVEN

Time Allowed: ***2 Hours 15 minutes***

Contact Mr. Digida: 50 80 43 43

INDEX NUMBER | | | | | | | | | |

Name: _____ **Stream:**_____

Signature: _____

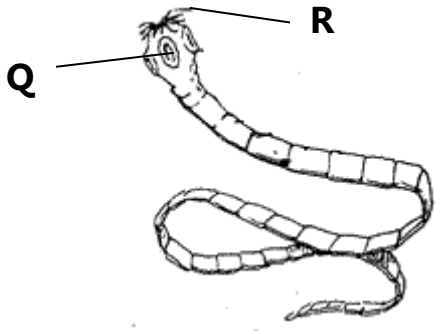
<u>Read the following instructions carefully</u>:

1. **The paper is made up of section A and B.**
2. **Section A has 40 short answer questions (40 marks).**
3. **Section B has 15 questions (60 answers).**
4. **Answer ALL questions. All answers to both section A and B must be written in the spaces provided.**
5. **All answers must be written in blue ink.**
6. **Any handwriting that cannot easily be read will lead to loss of marks**
7. **Unnecessary alteration of work may lead to loss of marks.**
8. **Do not write anything in the box indicated examiner's use only.**

SECTION A: (40 Marks)

1. Name any **one** example of a waterborne disease.
   .....
   .....
2. Mention **one** way of promoting proper sanitation in a school.
   .....
   .....
3. What is the importance of moulting in insects?
   .....
   .....
4. Mention any **one** type of leaf venation.
   .....
   .....
5. Why should a cattle farmer have a strip cup on his farm?
   .....
   .....
6. State one reason why electric cables are usually insulated.
   .....
   .....
7. Name the body organ that helps man to remove urea and uric acid from blood.
   .....
   .....
8. State any **one** type of weather that helps in drying of clothes after washing them.
   .....
   .....
9. Name any one component of a good home.
   .....
   .....
10. State **one** use of a gas which occupies **21%** of air in the atmosphere.
    .....
    .....
11. Identify any **one** way Muzafalu who is a mushroom grower benefits from this practice..
    .....
    .....

The diagram below is a tapeworm. Use it to answer questions 12 and 13.



12. Name the part marked **R**.

R - .....

13. State the function of part marked **Q**.

.....

.....

.....

14. Which set of teeth does a baby develop first?

.....

.....

15. What is the importance of a queen excluder in a top bar hive?

.....

.....

16. Name the type of mosquito that spreads elephantiasis.

.....

.....

17. How is the function of a **hygrometer** different from that of a **barometer**?

.....

.....

18. Give any **one** example of a spore bearing plant.

.....

.....

19. Why is the trachea made of rings of cartilage?

.....

.....

20. Mention any **one** example of an energy resource in the environment.

.....

.....

21. Give one advantage of using bio-gas at home as a fuel.

.....

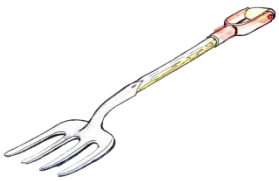
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22. Which property of air makes the lungs **expand** when you breathe in? (I am seeing you breathing in, hahahaha) Smile!

.....

.....

The diagram below shows a garden tool. Use it to answer the questions 23 and 24.



23. Name the garden tool shown aside.

    .....

    .....

24. State the use of the garden tool above.

    .....

    .....

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

    .....

    .....

26. Give **one** example of a root tuber.

    .....

    .....

27. Give any **one** example of a vaccine which is administered to a baby at birth.

    .....

    .....

28. How do most fungi reproduce?

    .....

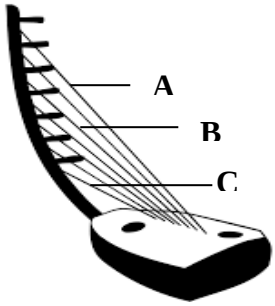
    .....

29. Mention any **one** process through which soil is formed.

    .....

    .....

The diagram below shows a musical instrument. Use it to answer the questions 30 and 31.



30. To which group of musical instruments does the one shown in the diagram above belong?

    .....

    .....

31. Which string will produce the lowest pitch of sound?

    .....

    .....

32. How are humming birds adapted to their way of feeding?

.....

.....

33. Where does respiration take place in the body of a human being?

.....

.....

34. Mr. Salimu was given a contract to supply eggs to Eagle company. Which type of chicken does he have on his farm?

.....

.....

35. Why is the Stevenson screen painted white?

.....

.....

36. **C**alculate the density of an object which has a mass of **80g** and volume of **40cc.**

37. Point out any **one** reason why farmers castrate male animal on their farm.

.....

.....

38. Give any **one** example of a chemical change in the environment.

.....

.....

39. Why do road constructors use murram when constructing roads?

.....

.....

40. State any **one** reason why people eat food.

.....

.....

SECTION B: (60 Marks)

41 a). What is meant by the term '**Photosynthesis**'?

.....

.....

b). Write down **two** raw materials used by plants during photosynthesis.

i). .....

ii). .....

c). How do animals benefit from the process of photosynthesis?

.....

.....

42 a). Write down the **two** methods used in making of alcohol.

i). .....

ii). .....

b). In which of the methods mentioned above is yeast used?

.....

.....

c). State any **one** importance of alcohol in the society.

.....

.....

43 a). Name the wave like muscular contraction that enable.

.....

.....

b). Mention **two** examples of disorders of the digestive system.

i). .....

ii). .....

c). How is the function of **pepsin** different from that of **salivary amylase**?

.....

.....

44 a). Give any **two** agents of seed dispersal?

i). .....

ii). .....

b). Name any **one** seed which is dispersed by wind.

.....

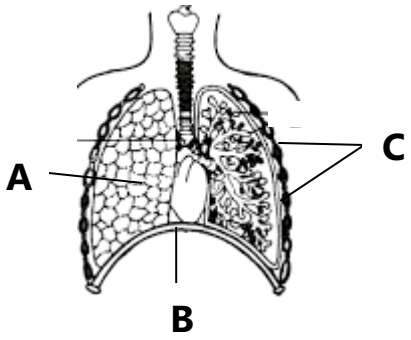
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c). State any **one** characteristic of seeds dispersed by animals.

.....

.....

45. ***Study the diagram below carefully and use it to answer the questions that follow.***



a). Name the parts marked **A** and **B**.
i). **A** - .....
ii). **B** - .....

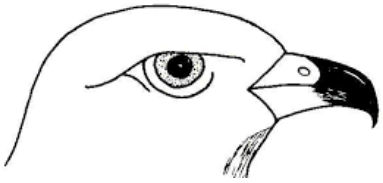
b). What happens to part marked **C** during exhalation?
.....
.....

c). Mention any **one** way of keeping the above system in proper working conditions.
.....
.....

46 a). Write down any **two** types of clouds.
i). .....
ii). .....

b). State any **two** other importance of clouds in the environment apart from bringing rain.
i). .....
ii). .....

47. ***The diagram below shows a beak of a bird. Use it to answer the questions that follow.***



a). Name **two** examples of birds with such a beak.
i). .....
ii). .....

b). State **one** adaptation of such a beak to the mode of feeding.
.....
.....

c). How are scavenger birds important in the environment.
.....
.....

48 a). Give **two** types of germination.
i). ..... ii). .....

b). Identify any **one** importance of water during seed germination.

.....

.....

c). How is the micropyle important to a seed?

.....

.....

49 a). State any **two** properties of matter.

i). .....

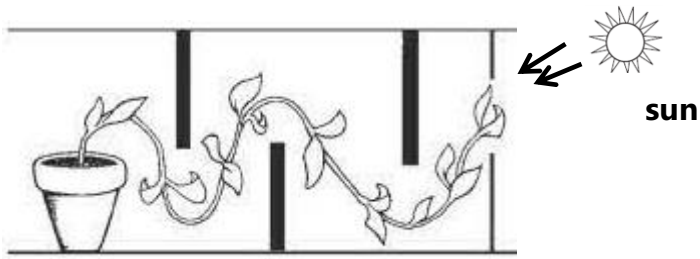
ii). .....

b). In which state of matter does heat travel.

i). Fastest - .....

ii). Slowest - .....

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



-

a). Name the plant response shown above.

.....

.....

b). How is the above response important to plants?

.....

.....

c). Give **two** other plant responses towards stimuli apart from the one shown above.

i). .....

ii). .....

51 a). Identify **two** uses of water at home.

i). .....

.....

ii). .....

.....

b). Suggest any **two** ways water gets contaminated.

i). .....

ii). .....

52 a). Give the way each of the following is propagated.

i). cassava -.....

ii). sisal -.....

iii). ginger -.....

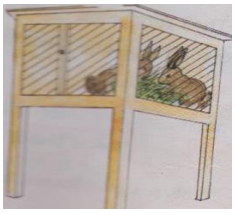
iv). beans-.....

53 . **The diagram below shows rabbit hutches. Use it to answer the questions that follow.**

P



Q



a). Name the type of hutch marked **P** and **Q**.

i). **P** - ..... ii). **Q** - .....

b). What name is given to manufactured feeds for rabbits?

.....

c). Mention any **one** disease that affects rabbits.

.....

.....

54 a). Name the germ that causes AIDS.

.....

.....

b). State any **two** signs of AIDS in people.

i). .....

ii). .....

c). How can a P.7 child safeguard him or herself from getting HIV/AIDS?

.....

.....

55 a). In **two** sentences give the meaning of the following terms

i). Accident - .....

.....

ii). Fist aid - .....

.....

b). Give any **two** reasons why a casualty should be given first aid..

i). .....

.....

ii). .....

.....

Smile