DIVINE EDUCATION CENTRE

PRE-REGISTRATION EXAMINATION

2026

INTEGRATED SCIENCE SET 2

Time allowed: 2hours 15 minutes

Random No.						Personal No.		

Candidate's Name: .....

Candidate's Signature: .....

District ID No.

Read the following instructions carefully:

1. Do not write your **school** or **district name** anywhere on this paper.

2. This paper has two sections **A** and **B**. Section **A** has **40 questions** and **section B** has **15 questions** .This paper has **12 pages** printed altogether.

3. Answer **all** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.

4. **All** working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencil will **NOT** be marked except drawings and diagram.

5. Unnecessary **changes** in your work and handwriting that cannot be easily read may lead to loss of marks.

6. Do not fill anything in the table indicated **"For examiners' use only"** and the boxes inside the question paper.

FOR EXAMINERS' USE ONLY		
Qn. No.	**MARKS**	**EXR'S No.**
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
TOTAL		

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Turn Over

SECTION A: 40 MARKS

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

1. Give any one example of a non-domestic swimming bird.

_____

2. How is the habitat of an earthworm similar to that of a squirrel?

_____

3. In which one way is filtration useful in our daily life?

_____

4. Name the element of PHC (Primary Health Care) promoted by attending antenatal care.

_____

5. State one use of heat transfer by radiation to farmers.

_____

6. Name the method of soil formation that involves the action of bacteria.

_____

Use the diagram below of a bottle of soda to answer questions 7 and 8.



7. Name the gas used in the space marked R.

_____

8. Why is the space marked R left during packing?

_____

9. Give any one example of a long bone found in the arm.

_____

10. How are sea mammals able to survive in cold water?

_____

11. In which one way are bees dangerous in the environment?

_____

12. Why is it not advisable for school children to drink unboiled water?

_____

13. Name the immunizable disease that affects the liver.

_____

14. In which one way do plants colonize new areas?

_____

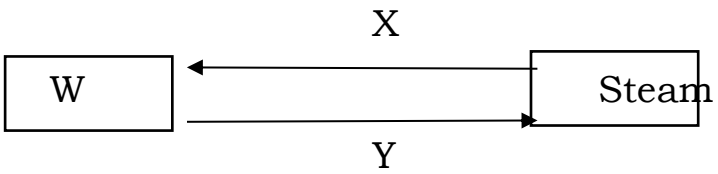
15. Give any one factor needed when starting a cattle farm.

_____

16. Name the component of air used in combustion.

_____

Use the diagram below to answer questions 17 and 18.



17. Name the substance marked W.

_____

18. What process is marked with letter X?

_____

19. Give one reason why weaning babies are said to be vulnerable.

_____

20. Why is vasectomy not commonly used as a birth control method?

_____

21. Why is water regarded as a renewable resource?

_____

22. How is synovial fluid important at a joint?

_____

23. State a reason why arteries have thick walls.

_____

24. What does 2 x 2 refer to in a drug prescription?

_____

25. How can the volume of an irregular object be obtained?

_____

26. Why are the handles of frying pans made up of dry wood?

_____

The diagram below shows a type of tooth. Use it to answer questions 27 and 28.



27. Name the type of tooth shown above.

_____

28. How is the pulp cavity important in a tooth?

_____

29. Which type of chickens are referred to as table birds?

_____

30. State a reason why mercury is commonly used in most thermometers.

_____

31. Give any one source of electricity.

_____

32. Name the liquid fossil fuel.

_____

33. How is covering of food important in the proper handling of food?

_____

34. State any one sign of poor sanitation.

_____

35. Name any one characteristic of annual crops.

_____

36. How are duck-billed platypuses different from other mammals?

_____

37. Which part of a ewe is removed during docking?

_____

38. State a reason why the bulb filament is coiled.

_____

39. How is correct body posture important to humans?

_____

40. How does a fish benefit from its slippery body?

_____

SECTION B: 60 MARKS

41. Opio accidentally poured salt in sand. In four steps, explain how Opio can recover his salt.

i) _____

ii)_____

iii) _____

iv) _____

42. a) Give any two types of organic manure.

(i)_____

(ii)_____

b) State any two advantages of using natural fertilizers over artificial fertilizers.

(i)_____

(ii)_____

43. a) State any one reason why mushrooms are unable to make food.

_____

b) How do mushrooms feed?

_____

c) Name any one use of mushrooms to people.

_____

d) How are gills useful to mushrooms?

_____

44. a) What type of skeleton is possessed by a rat?

_____

b) Mention any two functions of a skeleton to a cow.

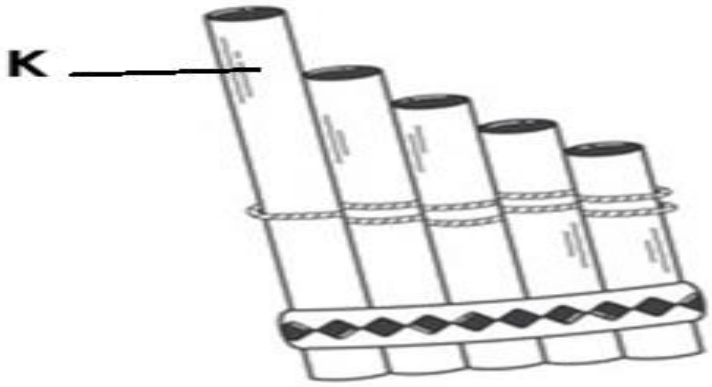
(i)_____

(ii)_____

c) How is moulting important to arthropods?

_____

45. <u>Study the musical instrument below and use it to answer the questions that follow.</u>



a)Name the musical instrument.

_____

b) To which group of musical instruments does the above belong?

_____

c) Why does the pipe marked L produce the highest pitch?

_____

d) How can the pitch of the above instrument be varied?

_____

46. a) Apart from honey, name two other products got from honey bees.

(i)_____ (ii)_____

b) Name the types of bees commonly seen around flowers.

_____

c) State any one method of extracting honey.

_____

47. a) What germ causes nagana?

_____

b) Give any one sign and symptom of nagana.

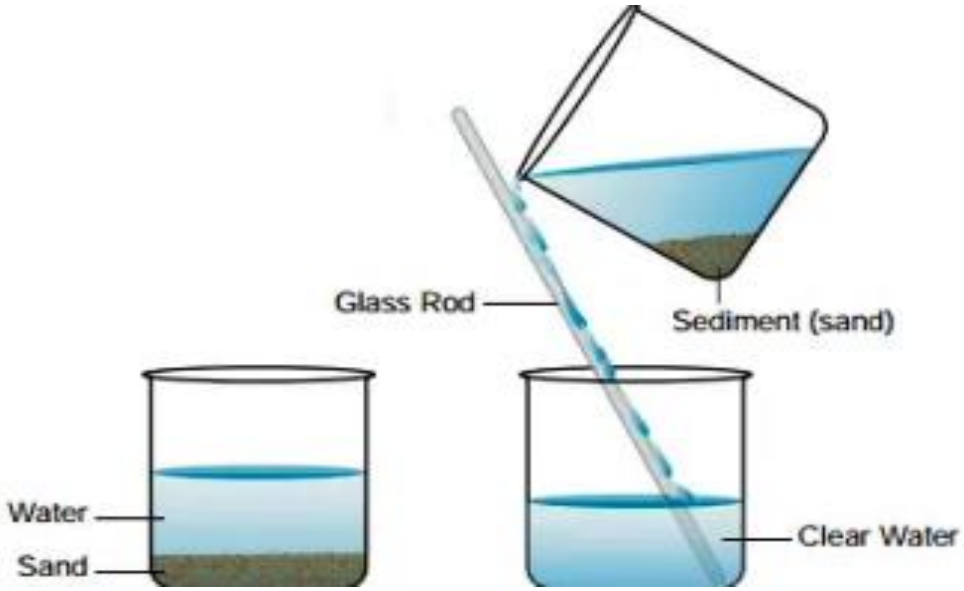
_____

c) In which two ways can farmers control nagana in their animals?

(i)_____

(ii)_____

48. <u>Use the diagram below to answer the questions that follow.</u>



a) Name the method of obtaining clean water shown in the diagram.

_____

b) Give any two uses of water obtained by the above method at home.

(i)_____

(ii)_____

c) State any one disadvantage of treating water using chemicals.

_____

49. Kapere's body temperature was normal in the morning. It dropped by 2^0C at lunchtime.

a) What was Kapere's body temperature at lunchtime?

_____

b) Name any one reason for giving first aid to casualties.

_____

c) Name two types of scales used to measure temperature.

(i)_____

(ii)_____

50. a) To which group of birds does a flamingo belong?

_____

b) How are the half-webbed feet useful to a flamingo?

_____

c) State two reasons why some birds are unable to fly.

(i)_____

(ii)_____

51. a) Define the term dehydration.

_____

b) Mention any two ways in which a mother can identify a dehydrated child.

(i)_____

(ii)_____

c) What advice can you give to the mother in order to overcome the problem of dehydration?

_____

52. a) Give any two similarities between rusting and burning.

(i)_____

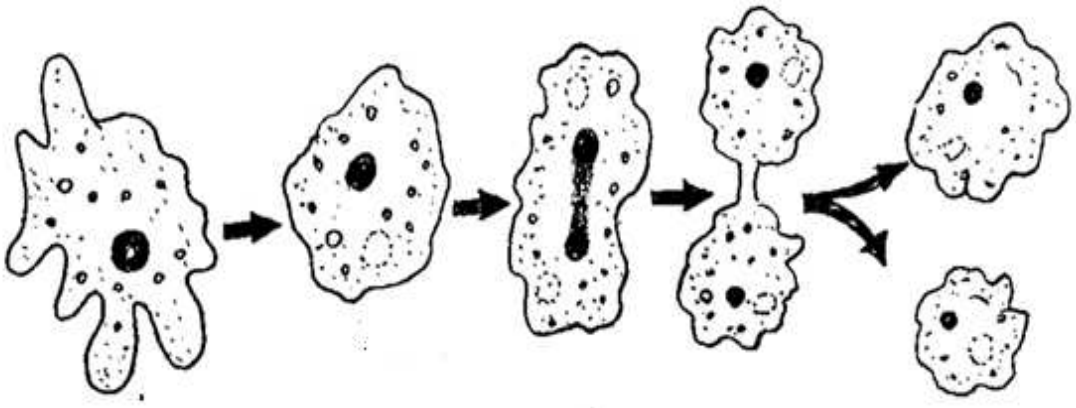
(ii)_____

b) In which two ways can burning be stopped?

(i)_____

(ii)_____

53. <u>The diagram below shows a mode of reproduction. Use it to answer questions that follow.</u>



a) Name the mode of reproduction shown above.

_____

b) Apart from bacteria, name one other organism that undergoes the above mode of reproduction.

_____

c) Give any two characteristics of bacteria.

(i)_____

(ii)_____

54. a) Define the term pitch as used in sound.

_____

b) In which one way can echoes be reduced in cinema halls?

_____

c) Write down any one factor that affects the pitch of sound.

_____

d) Give any one way in which echoes are useful to bats.

_____

55. a) How is the trachea kept open all the time?

_____

b) How is oxygen important during respiration?

_____

c) Where does respiration take place in the body?

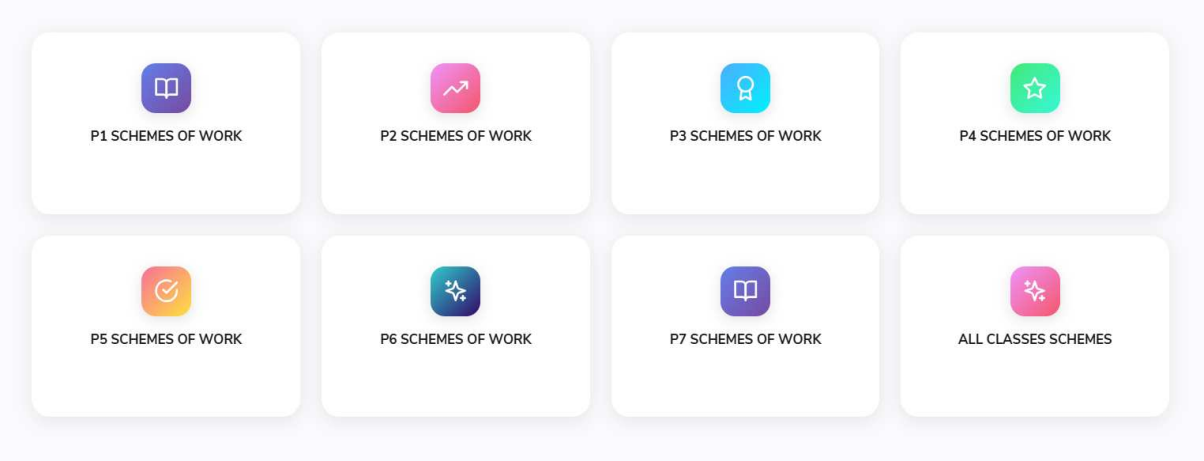
_____

d) State what happens to the lungs during breathing in.

_____

END

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