



DIVINE EDUCATION CENTRE

MID TERM 2 EXAMINATION-2024

INTEGRATED SCIENCE - P.6

Time Allowed: 2Hrs 15 MIN

Name:.....

Stream:.....

Read the following instructions carefully:

1. The paper has **two** sections: **A** and **B**
2. Section **A** has 40 questions (40 marks)
3. Section **B** has 15 questions (60 marks)
4. Answer **ALL** questions. All answers to both Sections A and B must be written in the spaces provided.
5. All answers must be written using a blue or black ball point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do **not** fill anything in the boxes indicated for Examiner's use only.

Turn over

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

SECTION A: 40 MARKS

1. In which way do animals depend on plants

2. Give any one method through which soil is formed

3. What type of energy is processed by a baby sleeping in cot?

4. State the practice that helps to control poultry vices in poultry management.

5. State any one sign of child suffering from marasmus.

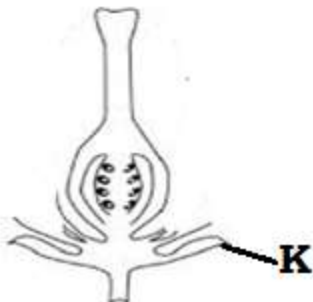
6. Write anyone condition necessary during seed germination

7. By what process does the exchange of gases take place in the alveoli?

8. Mention any one effect of smoking to the family.

9. How is the digestive juice produced in the mouth important during digestion of food?

The diagram below shows a part of a flower. Study and use it to answer questions 10 and 11



10. Which part of a flower is shown?

11. Give the function of part marked K

12. In which way is heat transfer by radiation important to people's daily life?

13. Mention one example of a natural fiber

14. Write the importance of sugar to a dehydrated person.

15. State any one property of matter.

16. Why is the coiled delivery tube passed in a cold water during distillation of alcohol

17. In which way are artificial fertilizers dangerous to the soil?

The diagram below shown a fruit. Study and use it to answer questions 18 and 19



18. State the mode of seed dispersal that the fruit undergo.

19. How is the above fruit adopted to the above mode of seed dispersal?

20. Apart from the liver, mention any other body organ destroyed by excessive consumption of alcohol.

21. Which form of energy enables the eggs of fish to hatch into fry?

22. State one reason why a sty should be constructed with a slanting floor.

23. How does sound from a radio reach a person who is five meters away?

24. Why are people advised to eat well cooked pork?

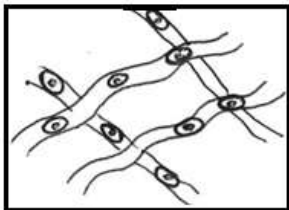
25. Mention one way plants reduce the rate of transpiration.

26. Why is distilled water not good for drinking

27. Which mammals uses vibrations for movements.

28. How do mushrooms reproduce?

29. Name the amphibians that lays eggs in the pattern below.



30. Mention any one way in which animals are important as a living resources in the environment.

31. State the weather instrument used for measuring the length of time the sun has shone in a day.

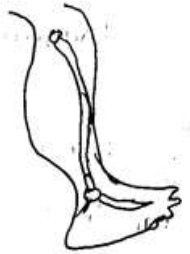
32. Why are thick curtains and soft board placed on the wall of theatre halls?

33. In which body parts are the red blood cells being made in the body.

34. Name one type of alcohol.

35. State the importance of iodine in the body.

Use the diagram below to answer the questions



36. What type of fracture is shown above

37. Why is the fracture mentioned in (36) common in children?

38. List down any one example of an arachnid

39. State the type of fertilization occurs in amphibians.

40. How is the foot of a swimming bird adopted to its function?

SECTION B:60 MARKS

41. (a)What are essential drugs?

b.Mention the essential drugs that help to boost the immunity in infants.

c. Mention any two ways drugs are introduced into the body.

(i)_____

(ii)_____

42. (a)What is dehydration?

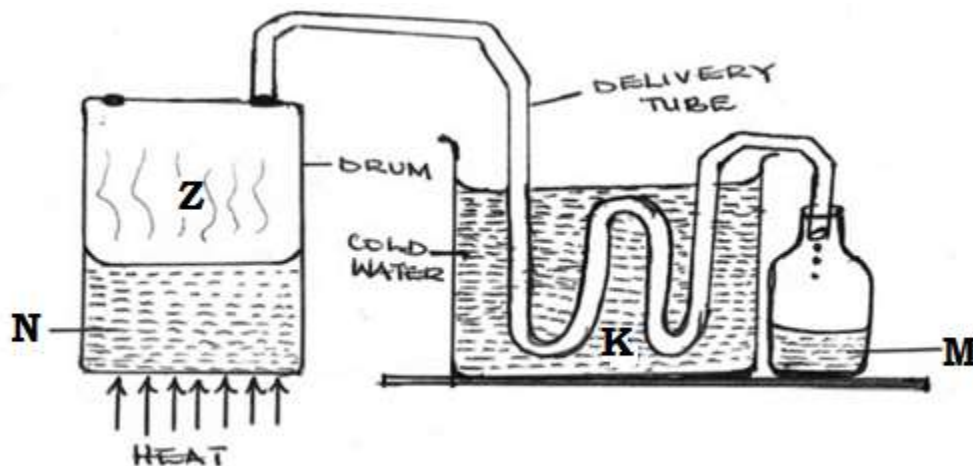
b. Name two mineral salts lost during dehydration

(i)_____

(ii)_____

c. Why is dehydrated person given ORS?

43. The diagram below shows a method of producing alcohol. Use it to answer the questions that follow



a. Mention the method of producing alcohol shown above.

b. Name the parts marked M and N.

M _____

N _____

c. Give one reason why people take alcohol.

44. (a) In which way are scales important to a fish

b. Which part of a fish has the same duty as the human ear?

c. Why does a fish die shortly when it is removed from water?

d. How do fish help to control Malaria?

45. (a) State the effect of heat on;

Water _____

Ice _____

b. Why is air regarded as matter?

c. In which state of matter is vapour?

46. (a) Give two similarities between bacteria and fungi

(i) _____

(ii) _____

b. Identify the fungi that is useful in the process of fermentation.

c. Give any one example of a useful bacteria

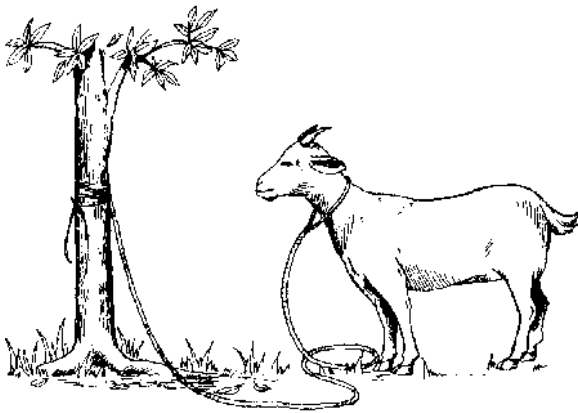
47. (a) What are biological changes?

b. Give one characteristic of biological change.

c. How is burning similar to rusting

d. Mention one example of chemical change to the environment

48. The diagram below shows a method of keeping goats. Use it to answer the questions that follow.



a. Name the method of grazing goats shown in the diagram above

b. Give any one advantage of using the method shown above to the farmer.

c. Why is it advisable to keep the goat's house clean?

d. Identify one example of a goat that provides mohair

49. (a)What is food?

b. Mention any two examples of blocks of food path.

(i)_____

(ii)_____

c. Give any one example of bad eating habits.

50. (a)What do you understand by the term soil erosion

b. State two causes of soil erosion.

(i)_____

(ii)_____

c. Apart from wind, mention any other two agents of soil erosion.

(i)_____

(ii)_____

51. (a)Mention any two dangers of strong wind in an area.

(i)_____

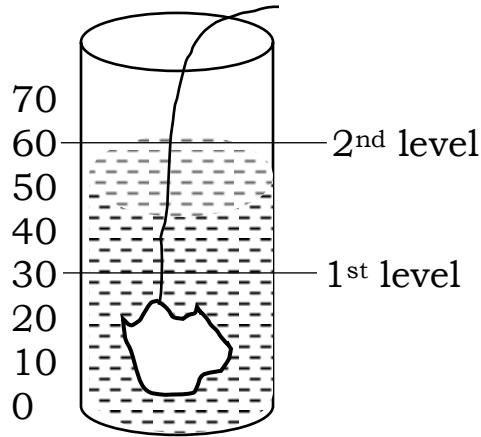
(ii)_____

b. State two uses of wind to people.

(i)_____

(ii)_____

52. The diagram below shows how to measure volume of objects use it to answer the questions that follow.



a. Find the volume of the object above

b. If the density of the object above is 40kg find its mass.

c. Why did the object above sink in water?

d. When is the above method used to find the volume of such an object?

53. (a) Name any two examples of arteries in the human body.

(i) _____

(ii) _____

b. Which part of the skeleton protects the heart and lungs from any mechanical harm?

c. Name the part of the heart that prevents the oxygenated blood from mixing with deoxygenated blood

54. (a) Which process in plants follows pollination?

b. Write the two types of pollination.

(i) _____

(ii) _____

c. Name the part of the flower that attracts the living agents of pollination.

55. (a) State the main source of heat and light energy in the environment.

b. Give any two importance of heat energy in the environment

(i) _____

(ii) _____

c. How does heat energy help in the formation of rainfall?

GOOD LUCK