



DIVINE EDUCATION CENTRE

P.7 BEGINNING OF TERM 1 EXAMINATION-2024

INTEGRATED SCIENCE

Time allowed: 2hours 15 minutes

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

District ID No.

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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- Name the type of soil that supports plant growth.

2- How are vultures important in the environment?

3- What characteristic of living things enables them to increase in size?

4- Name any one danger of irregular brushing of teeth.

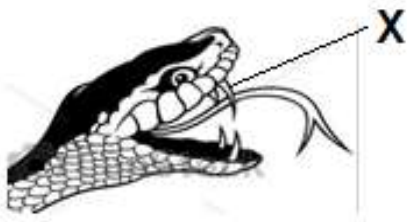
5- In which one way can the spread of COVID 19 be prevented?

6- Give any one example of a root tuber.

7- Which part of air supports burning?

8- State any one cause of dehydration in humans.

Use the diagram below to answer questions 9 and 10.



9- Name any one snake with the type of head above.

10-What scientific name is given to structure marked X?



11-Name any one factor that affects the speed of sound.

12-Identify the element of PHC promoted by feeding the family on a balanced diet.

13-Write ECOSAN in full.

14-Mention one vulnerable group of people.

15-By what process does food move along the alimentary canal?

16-Give the chief product got from a dairy farm.

17-In which way can water obtained through filtration be made safe for drinking?

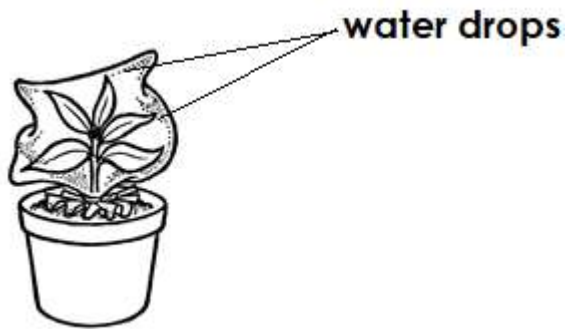
18-What type of immunity do people get through immunization?

19-How best can malnutrition be prevented among children at home?

20-State the kind of injury a person gets when he/she comes into contact with hot porridge.



Study the diagram below and use it to answer questions 21 and 22.



21-Name the plant process illustrated above.

22-Give the importance of the above process to the environment.

23-State the reason for washing hands before making ORS.

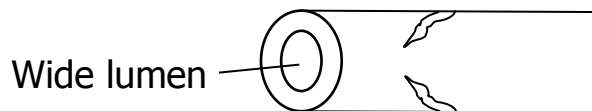
24-Name any one body organ protected by the ribcage.

25-Which sexually transmitted disease causes madness at its later stage if not treated.

26-In which state of matter is water at 100°C ?

27-Where does fertilization take place in humans?

Use the diagram below to answer questions 28 and 29.



28- Name the blood vessel shown above.

29-Identify the feature in the above blood vessel that enables it to prevent the back flow of blood.

30-Which cattle disease is prevented by use of strip cap?



31-Why is a person with hookworms most likely to suffer from anemia?

32-How does mulching improve soil fertility?

33-Which body organ is majorly destroyed by excessive drinking of alcohol?

34-Give one PIASCY message that helps to control the spread of HIV / AIDS.

35-Mention any one effect of early pregnancy

36-How is recycling important in environmental conservation?

37-How are bacteria useful in soil formation?

38-Name any one condition that can lead to bottle feeding.

39-How does heat travel through a nail?

40-How is a pestle and mortar useful at home?



SECTION B: 60 MARKS

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

41-What is seed dispersal?

(b) Name any one type of seed dispersal.

(c) Give any two importance of seed dispersal.

(i) _____

(ii) _____

42-State any two secondary sex characteristics common in both boys and girls.

(i) _____

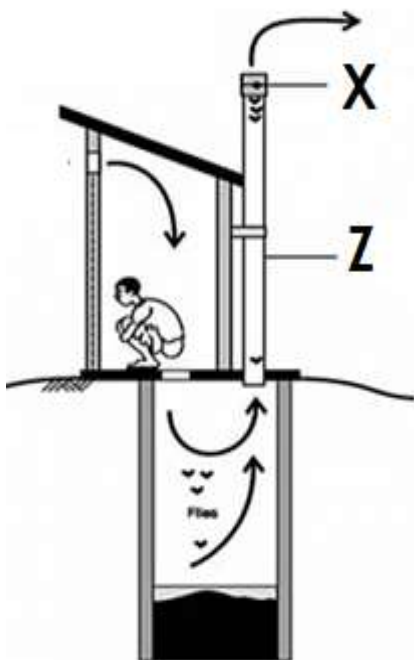
(ii) _____

(b) Mention two permanent artificial family planning methods.

(i) _____

(ii) _____

43-Study the diagram below and use it to answer questions that follow.



(a) Name the structure marked Z.

(b) How is part marked X important on a VIP latrine?

(c) Why is a latrine constructed 30 metres away from a water source?

(d) In which one way can the above latrine be cared for?



44-Give any two examples of commonly abused drugs.

(i) _____

(ii) _____

(b) State any one danger of drug abuse to an individual.

(c) Mention any one reason why people smoke.

45-Name the main product people get from bees.

(b) How is propolis useful to bees?

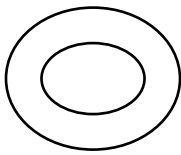
(c) Give any two causes of swarming in bees.

(i) _____

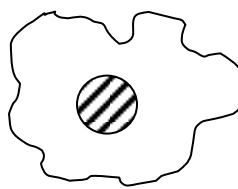
(ii) _____

46-Below are the diagrams of blood cells. Use it to answer questions that follow.

A



B



(a) Name the blood cell marked A

(b) State the function of blood cells marked A and B

A _____

B _____

(c) State any one disease that affects blood cell B.



47-How are plants replaced naturally in the environment?

(b) Name any other two examples of renewable resources apart from plants.

(i) _____

(ii) _____

(c)How is the use of biogas friendly to the environment?

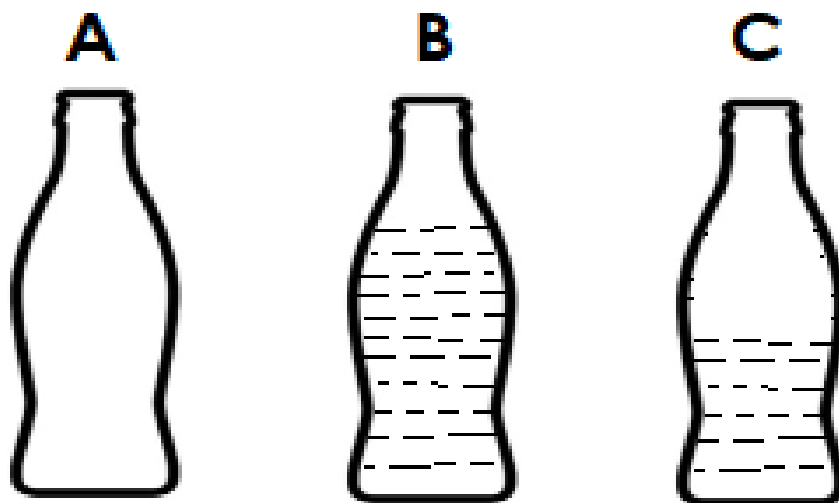
48-Why do farmers cut the leaves of banana suckers before planting?

(b) How can a tomato farmer care for his /her tomato crops during dry season?

(c)How are sweet potatoes propagated?

(d) How does crop rotation control pests?

49-Use the diagram below and answer questions that follow.



(a) Which bottle will produce sound with the highest pitch?

(b) Give a reason for your answer in 'a' above.

(c) Name any two methods of storing sound.

(i) _____

(ii) _____



50-(a)How does sleeping under a mosquito net prevent malaria?

(b)State any one example of

(i) insect vector

(ii)Non insect vector

(c)Apart from malaria, name one other disease spread by mosquitoes.

51-Why do some plants climb others?

(b) Identify two methods used by plants to climb others.

(i)_____

(ii)_____

(c)Apart from stomata, name one other structure in plants used for breathing.

52-Why is the first degree burn called a minor burn?

(b) Identify the best first aid for burns.

(c)How is a stretcher useful when giving first aid?

(d)Why is a stretcher not kept in a first aid box?



53-(a)Apart from a housefly, name one other vector that spreads germs using hairy body.

(b) To which type of life cycle do houseflies undergo?

(c)Why do houseflies lay eggs in rotting matter?

(d) In which way is the larva stage of a housefly useful to people?

54-(a)State the use of ventilators in a living house.

(b)Apart from letting fresh air, give one other use of windows in a house.

(c)Mention any two ways of controlling diseases without using drugs.

(i)_____

(ii)_____

55-Re-arrange the following reproductive processes in their order of occurrence.

(i) Implantation

(ii) Ovulation

(iii) Conception

(iv) Fertilization



******GOOD LUCK******