



DIVINE EDUCATION CENTRE

PRIMARY SEVEN EXAMINATIONS 2022

INTEGRATED SCIENCE SET 3

Time allowed: 2 hours 15 minutes

Index No.

Random No.						Personal No.		

Candidate's name:

Candidate's Signature:

School Random No.

District 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 **10 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		

SECTION A (40 MARKS)

1. Name any one material used to clean our teeth.

2. Mention any one raw material used by plants to make food.

3. How are eagles adapted to their mode of feeding?

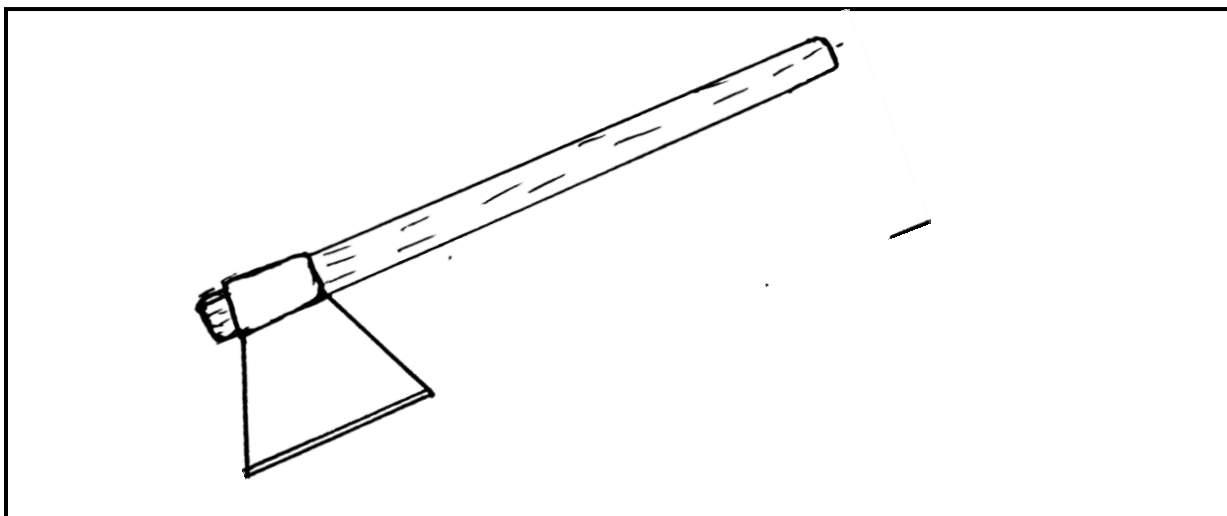
4. Why are perches put in a poultry house?

5. Which excretory product is removed from the body by the kidneys?

6. State any one characteristic common to all insects.

7. Give the meaning of pitch as used in sound energy.

The diagram below shows a garden tool.



8. How is the above tool useful to a farmer?

9. How are bees dangerous to people?

10. Which type of soil is sticky, heavy and has high capillarity?

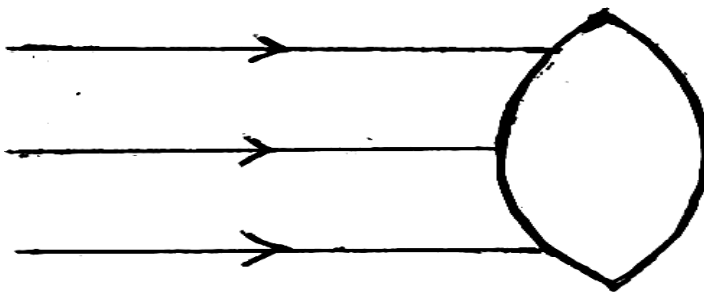
11. State any one function of blood in the body.

12. A block has a mass of 100g and volume of 25cm³. Find its density.

13. What type of weather supports farmers to plant their crops?

14. Why are people encouraged to smoke their pit latrines?

15. **The diagram below shows a beam of light falling on a lens. Complete it correctly**



16. Give one reason people give for drinking alcohol.

17. Name any one vaccine given to babies at 10 weeks.

18. State one way food gets contaminated.

19. Identify any one enzyme found in pancreatic juice.

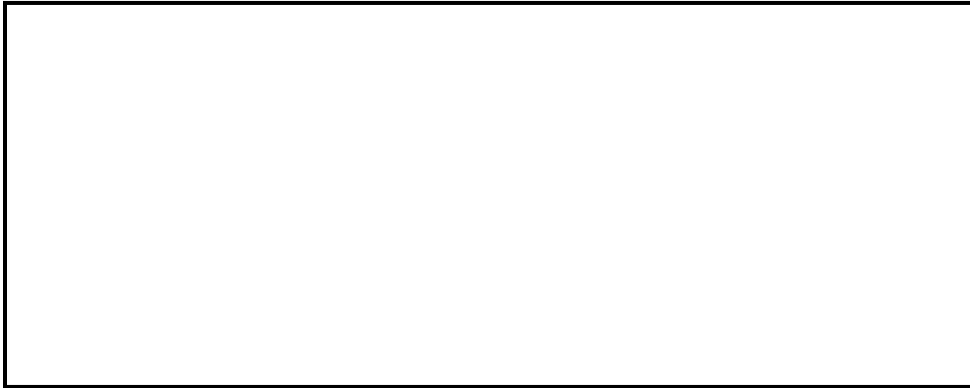
20. State one importance of a school garden to a P.7 pupil.

21. Name any one energy change that takes place when an electric bulb is turned on.

22. Give any one drug of dependence.

23. How are polythene bags dangerous in a garden?

24. In the space below, draw the fibrous root system



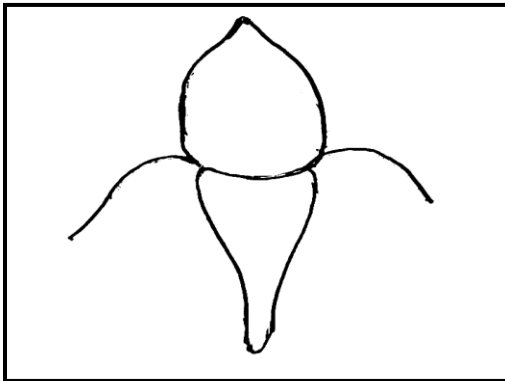
25. State one way of controlling tape worm infestations for P.4 pupils.

26. Cite one example of a floating object.

27. Why is a fern able to make its food?

28. Name any one example of a crop that stores food in its aerial stem.

29. The diagram below shows a tooth.



How important is the above tooth to people?

30. Which method of grazing animals is common to farmers in urban areas?

31. State one way of caring for plants in our compounds.

32. State one disadvantage of using electricity in lighting our school.

33. State one way bacteria is useful to people.

34. Why is the trachea covered with rings of cartilage?

35. Identify one blood disorder common among children in Uganda today.

36. Give any one salt lost during dehydration.

37. What type of change is pigmentation?

38. Name one method of making water clean for home use.

39. Identify any one vector that spreads diseases by biting.

40. Why is turpid sponging encouraged among children with fever?

SECTION B (60 MARKS)

41. a) Why do farmers keep Saanen goats.

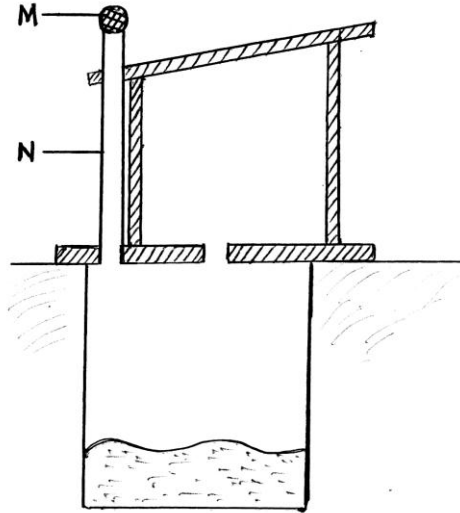
- b) How do crop farmers benefit from rearing goats?

- c) What is shearing as used in sheep rearing?

- d) State one importance of docking sheep

42.

The diagram below shows a VIP latrine. Use it to answer questions that follow



a) Name parts M and N

i) M _____ ii) N _____

b) Why is the hole of a VIP latrine not covered?

c) How can we care for the above facility at school?

43. a) What are Energy Resources?

b) Name two examples of Energy Resources in the environment.

i) _____

ii) _____

c) Which type of fuel is got from plants?

44. a) State any two uses of food in the body.

i) _____

ii) _____

b) Identify one food source of Vitamin A.

c) Which deficiency disease is caused due to lack of iron in the body?

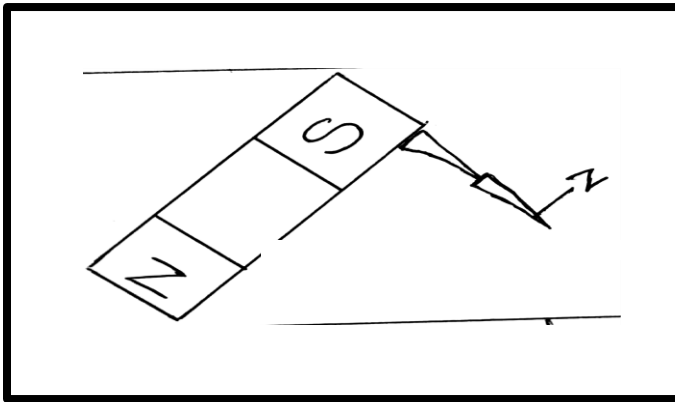
45. a) State any two advantages of breast feeding to babies.
i) _____
ii) _____
- b) Why should breast feeding mothers take a lot of fluids?

- c) When may a baby be prohibited from breast feeding?

46. a) What is Menstruation?

- b) Name any two primary sex change in girls.
i) _____
ii) _____
- c) How can a young girl maintain good personal hygiene during menstruation?

47. **The diagram below shows a method of making magnets. Use it to answer questions that follow:**



- a) Name the method shown above.

- b) Name pole Z. _____
- c) How are magnets useful to people?

- d) State one way magnets lose their magnetism.

48. a) What is PHC?

b) Which element of PHC is promoted by the following activities.

i) eating a balanced diet.

ii) sweeping the compound

iii) giving a baby polio vaccine

49. a) What is crop rotation?

b) State two importance of crop rotation.

i)

ii)

c) Why do farmers include legumes in the crop rotation cycle?

50. a) Identify one example of machines that are grouped under

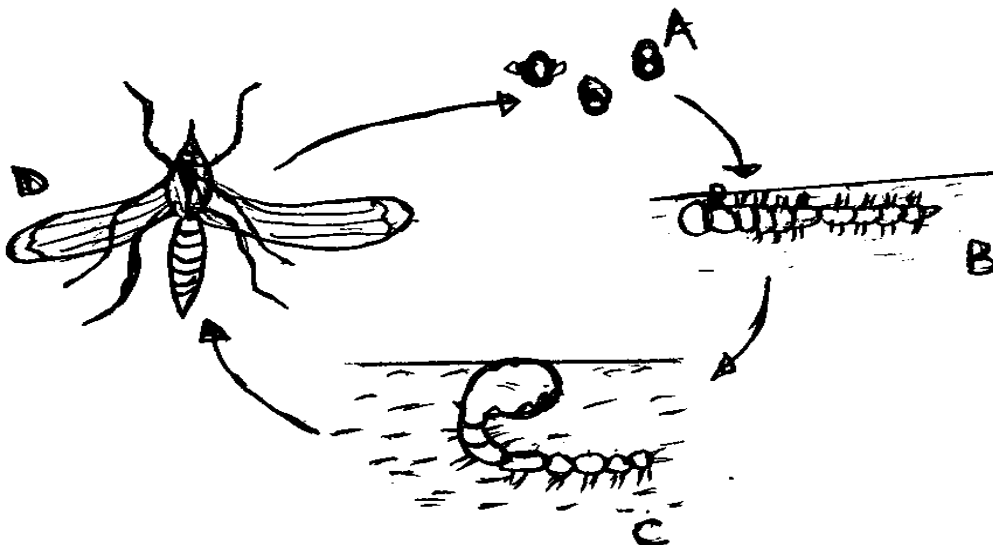
i) first class of levers.

ii) third class of levers

iii) wedges

b) Identify one way pulleys are useful on a construction site.

51. **The diagram below shows a lifecycle of a mosquito. Use it to answer questions that follow.**



a) Name the stages A and C.

i) A _____

ii) B _____

b) What scientific name is given to stage B?

c) How is the practice of pouring oil on stagnant water important while controlling mosquitoes?

52. a) Identify the major characteristic of mammals.

b) Name one example of an egg laying mammal.

c) How are mammals different from reptiles

i) _____

ii) _____

53. **The list below is of different organisms in the environment. Use them to answer questions below**

MAIZE

SUN

LION

BACTERIA

MONKEY

a) Arrange the above list as a food Chain.

b) State the role of the sun in a food Chain.

c) Name the primary consumer in the above list.

d) How is bacteria useful in a food Chain?

54. a) Name two process involved during distillation of alcohol.

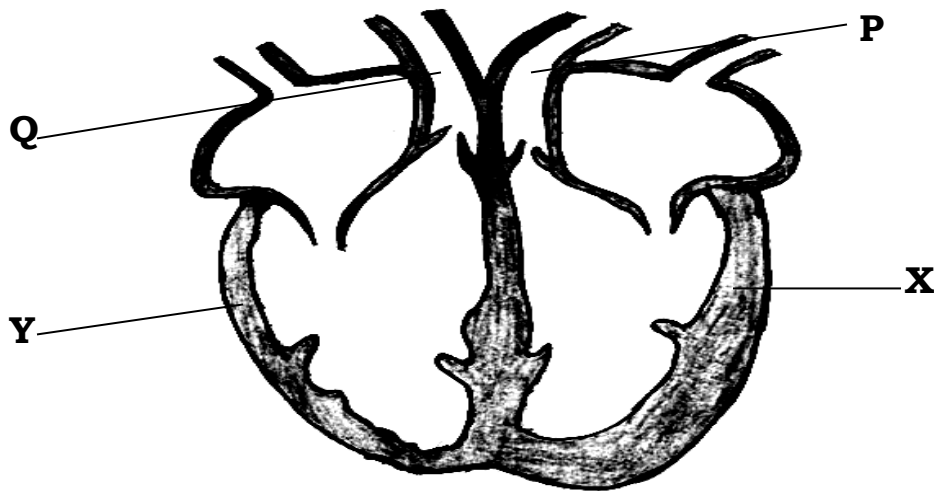
i) _____

ii) _____

b) Give any one use of alcohol to people.

c) How is alcoholism dangerous to people?

55. **The diagram below is of the heart. Use it to answer the questions below.**



- a) Name the blood vessels labeled P and Q.
i)P_____ ii)Q_____
- b) Why is part X thicker than Part Y?

- c) Name one activity done to promote proper functioning of the above organ.

END