

SECTION A (40 Marks)

(Questions 1 to 40 carry **one** mark each)

1. Name the layer of soil that supports plant growth.

2. Identify the type of fracture that is common in young children.

3. Mention the part of cassava plant affected by mole rats

4. Give any **one** characteristic of physical changes.

5. Name any **one** external body organ found on the head.

6. How important is methanol (methyl) alcohol to doctors?

7. Give **one** reason why farmers dock their sheep.

8. Why are pregnant women advised to feed on a balanced diet?

9. Identify the blood cell that is responsible for the defence of the body.

10. Why is water called a universal solvent?

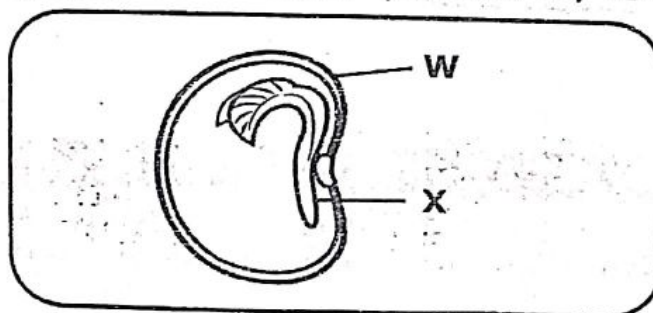
11. Name any **one** type of immunity.

12. Name the internal body organ that produces bile juice.

13. Give the reason why every family should have a toilet or pit latrine.

14. Name the vector that causes night blindness to people.

Use the diagram below to answer questions 15, 16 and 17.



15. Name the group of flowering plants to which the above seed belong.

16. Give any **one** condition necessary for the above seed to germinate.

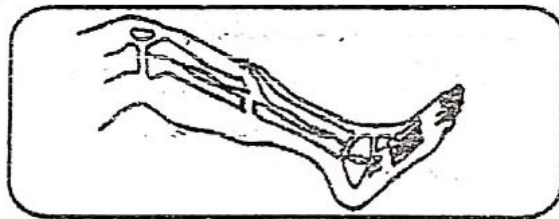
17. Name the part marked **X** on the above diagram.

18. Mention any **one** component of blood.

19. Give any **one** characteristic of conifers.

20. Give any **one** substance carried by blood capillaries.

Use the diagram below to answer the questions that follow.



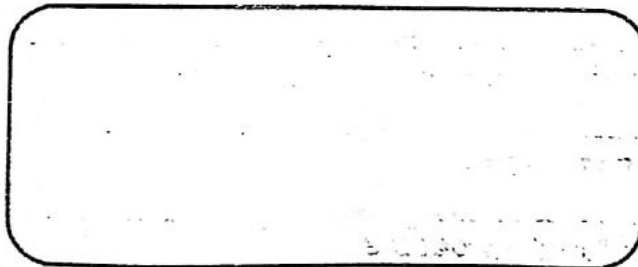
21. Name the type of fracture shown in the diagram above.

22. Give any **one** importance of soil as a non-living thing to man.

23. Give the meaning of the term echo.

24. Why do some plants shed off their leaves in dry season?

25. In the space provided below draw a garden tool used for light weeding.



26. Give any **one** reason for classifying animals.

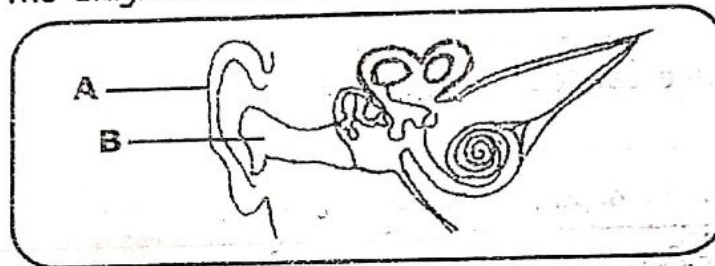
27. State **one** reason why people abuse drugs.

28. Mention any **one** type of stem.

29. How important are fleshy leaves to an Onion?

30. What do petals have that attracts pollinators?

Use the diagram below to answer the questions that follows.



31. Name part **A** of the human ear.

32. How useful is the wax found in part **B**?

33. Give the characteristic that enables termites to build an anthill within a short time.

34. Name the current viral disease that affects the lungs.

35. Identify the sense organ for sight.

36. Why do most people who get mumps never get mumps again in their life time?

37. Name any **one** type of pollination.

38. Which blood vessel has valves?

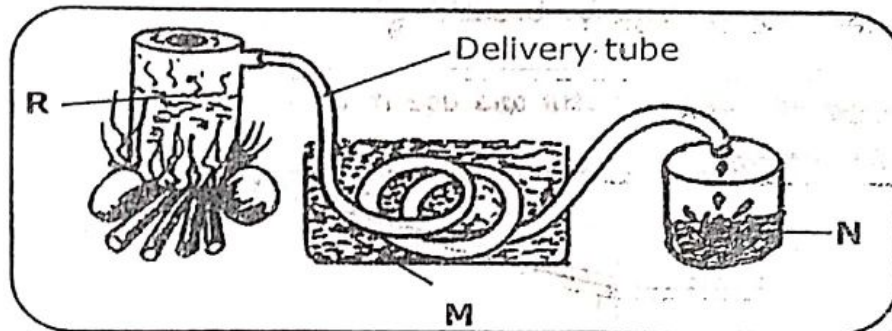
39. Give any **one** use of fungi to people.

40. Why do we wash our clothes? (Give one reason)

SECTION B (60 marks)

(Questions 41 to 55 carry four marks)

41. Use the diagram below to answer the questions that follow.



- (a) Name the method used to obtain alcohol shown above.

- (b) What do the arrows represent on the diagram above?

- (c) Identify the product at part marked R.

- (d) What scientific name is given to the substance marked N?

42. (a) Give any **two** examples of livestock.
(i) _____
(ii) _____
- (b) Why do most farmers in villages find it difficult to use zero grazing?

- (c) Give any **one** example of a ruminant animal.

43. (a) Mention any **two** principles of Primary Health Care.
(i) _____
(ii) _____
- (b) As an individual in primary six, how can you promote **PHC**?

- (c) Give any **one** activity carried out on a health pared.

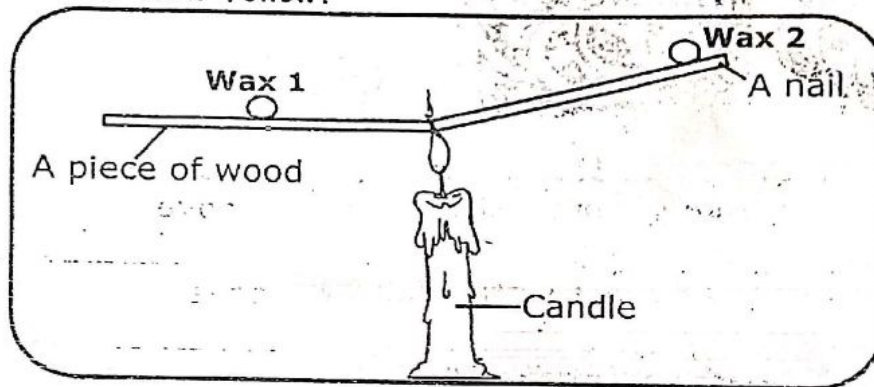
44. (a) What are vertebrates?

(b) Under which group of vertebrates is a rat?

(c) Give any **one** characteristic of true insects.

(d) What does a spider use for breathing?

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



(a) Which wax will fall down first?

(b) Give a reason to support your answer.

(c) By what process does heat reach **wax 1**?

(d) Identify the part of air that supports burning.

46. (a) State any **two** uses of the human ear.

(i)

(ii)

(b) Name the part of the ear which does not involve in hearing.

(c) Give the way you can care for the ear.

47. (a) Give any **two** farm records a poultry farmer is supposed to keep.

(i)

(ii)

(b) Why are poultry farmers encouraged to make farm records?

(c) Give another name used to mean table birds.

48. Give any **two** examples of the following;

(a) Natural source of sound.

(i) _____

(ii) _____

(b) Artificial sources of sound.

(i) _____

(ii) _____

49. Match the following correctly:

Vectors	Diseases
Culex mosquito	Bilharziasis
Ticks	Typhus fever
Lice	Filariasis
Fresh water snail	Relapsing fever

(a) Culex mosquito _____

(b) Ticks _____

(c) Lice _____

(d) Fresh water snail _____

50. (a) What are warm blooded animals?

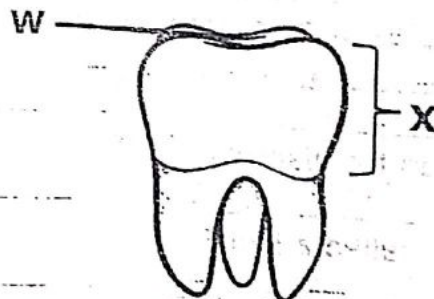
(b) Mention any **two** examples of warm blooded animals.

(i) _____

(ii) _____

(c) Give any **one** characteristic common to all cold blooded animals.

51. The diagram below is of a human tooth. Use it to answer the questions that follow.



(a) Name the part marked **W** and the region **X**.

(i) **W** _____

(ii) **X** _____

(b) Give any **one** disease of the teeth.

(c) Why do we brush our teeth daily?

52. (a) How can you tell by looking at the roots that a plant is a legume?

(b) Which part of a leaf has a similar function to the lung books of a spider?

(c) How are plants able to trap sunlight energy?

(d) Name the male gametes of a plant produced by the anthers.

53. (a) State any **two** components of air.

(i) _____

(ii) _____

(b) Give the difference between air and wind.

(c) Why is fire extinguisher painted with a bright colour?

54. (a) Mention any **two** useful structures found on the thorax of an insect.

(i) _____

(ii) _____

(b) Name any **two** examples of wingless insects.

(i) _____

(ii) _____

55. (a) Give any **two** examples of crop growing practices.

(i) _____

(ii) _____

(b) Name the best season for planting crops.

(c) Why is a maize seed called a fruit?