



**THE SPECTRUM EXAMINATIONS HUB
P. 4 MID TERM II EXAMINATIONS, 2024
INTEGRATED SCIENCE**

Time allowed: 2 hours and 15 minutes

PUPIL'S NAME: _____

SCHOOL'S NAME _____

DISTRICT NAME: _____

EXAMINER'S USE ONLY

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

- 1. The paper is made up of section 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 section A and B must be written in the spaces provided.**
- 5. All answers must be written in blue ink.**
- 6. Any handwriting that cannot easily be read will lead to loss of marks.**
- 7. Unnecessary alteration of work may lead to loss of marks.**
- 8. Show all the necessary side work in pencil.**

A	
B	
TOTAL	

PLEASE TURN OVER

SECTION A

1. Name the sense organ for sight.

2. Mention one plant whose roots are eaten by people.

3. Give one way in which farmers care for their crops in the garden.

4. Why is it advisable to wash hands after visiting the latrine?

5. What is the use of a dust bin in your classroom?

6. Where do mosquitoes lay their eggs?

7. Name one disease spread by houseflies that affects the eyes.

8. Give one way of caring for domestic animals.

9. Apart from flossing, give any other way you can care for your teeth.

10. Give one reason why some plants climb others.

11. Identify the part of a flower shown in the diagram below.



12. Mention one way food can get contaminated.

13. Write down one activity that promotes good sanitation in a home.

14. Name one insect which pollinates flowers at night.

15. Give any one way of saving resources at home.

16. Which property of air enables a P.4 pupil to drink soda using a straw?

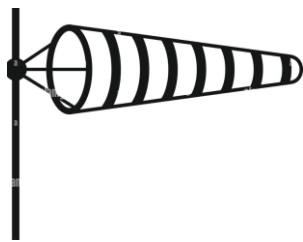
17. Identify the crop growing practice that involves covering of top soil using dry plant materials.

18. In the space below, draw a fibrous root system.

19. Mention the deficiency disease caused due to lack of enough vitamin D in one's diet.

20. Which type of cloud is a sign of rainfall in the environment?

21. Name the weather instrument shown below.



22. What name is given to the first set of teeth in babies?

The diagram below shows a garden tool. Use it to answer questions 23 and 24.



23. Name the garden tool above.

24. How important is the above garden tool to a crop farmer?

25. State the importance of the sun in rain formation.

26. Identify one local material used for making ropes.

27. Name one member of a nuclear family.

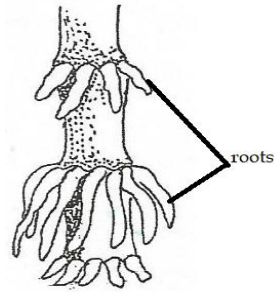
28. Which body organ filters blood in human beings?

29. Name the process in plants which helps animals to get food.

30. Why does a chameleon change its colour?

31. What is the importance of the heart in the human body?

32. Identify any one plant that has the roots shown below.



33. Why are dehydrated people given ORS?

34. How is the larva stage of a butterfly dangerous to crop farmers?

35. Write any one common accident at home.

36. In which way are proteins important in the human body?

37. Which type of soil has got a lot of humus?

38. Give one way of promoting personal hygiene.

39. Which element of weather helps in winnowing?

40. State the importance of water during seed germination.

SECTION B

41. (a) What is personal hygiene?

(b) Give two importance of keeping the body clean.

(i) _____

(ii) _____

(c) Mention one danger of poor personal hygiene.

42. (a) Name any two internal human body organs.

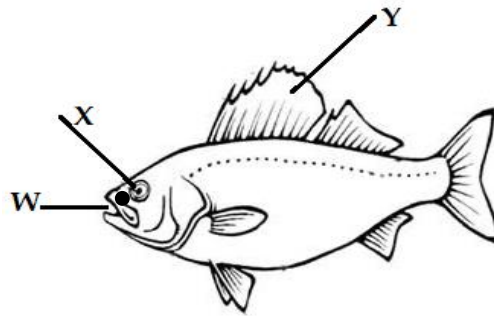
(i) _____

(ii) _____

(b) State one way of caring for our eyes.

(c) Mention one disease that affects the human eyes.

43. The diagram below shows an animal. Use it to answer the questions that follow.



- (a) Name parts labelled Y and X.

(i) Y _____ (ii) X _____

- (b) How is part W useful to a fish?

- (c) Name the habitat of the above animal.

44. Germination is the development of a seed embryo into a seedling.

- (a) Write any two conditions needed for germination to take place.

(i) _____

(ii) _____

- (b) Give any one example of crop that undergoes the following type of germination;

(i) epigeal germination _____

(ii) hypogeal germination _____

45. (a) What do we call the mixture of gases in the atmosphere?

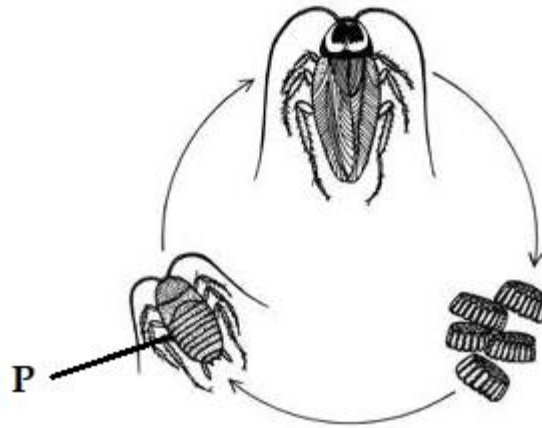
- (b) Write any two components of air.
(i)_____ (ii)_____
- (c) Which part of air is used in the preservation of bottled drinks?

46. (a) What is mulching?

- (b) State any one advantages of mulching a garden.

- (c) Mention any two examples of mulches.
(i)_____
(ii)_____
47. (a) Name the garden tool used for;
(i) transplanting seedlings_____
(ii) collecting rubbish_____
- (b) State two ways of caring for garden tools.
(i)_____
(ii)_____

48. Study the life cycle below and use it to answer the questions that follow.



- (a) Name the stage marked P.
- _____
- (b) Identify the vector shown in the above life cycle.
- _____
- (c) Write one disease spread by the above vector.
- _____
- (d) Apart from the above insect, name any one other insect that undergoes the above type of life cycle.
- _____
49. (a) Give any two agents of soil erosion.
- (i) _____
- (ii) _____
- (b) Write any one cause of soil erosion.
- _____

(c) In which way can soil erosion be controlled in hilly areas?

50. (a) What do we call a meal that contains all food values in their correct amount?

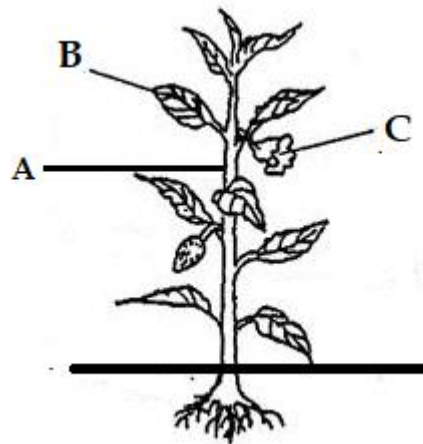
(b) Mention any two classes of food.

(i) _____

(ii) _____

(c) What food value do we get from eating beans?

51. The diagram below shows a shoot system of a flowering plant. Use it to answer questions that follow.



(a) Name the parts of the shoot labelled with letters A and C.

(i) A _____

(ii) C _____

(b) Give two uses of part B to a plant.

(i) _____

(ii)_____

52. (a) What are domestic animals?

(b) Give two examples of domestic animals.

(i)_____

(ii)_____

(c) Mention any one way people can care for their domestic animals.

53. A house is a building that is lived in by a family.

(a) Name any two materials used in building a house.

(i)_____ (ii)_____

(b) Give any two places where people can get building materials.

(i)_____

(ii)_____

54. (a) How do the following animals protect themselves from enemies?

(i) dog _____

(ii) chameleon_____

(b) What name is given to the young ones of the following animals

(i) a cow _____

(ii) a sheep_____

55. Match the garden tools in A to their uses in B correctly.

A

B

(a) Wheel barrow

splitting firewood.

(b) Watering can

digging stony and hard soil.

(c) Forked hoe

carrying rubbish and manure.

(d) Axe

watering plants.

(a) Wheel barrow _____

(b) Watering can_____

(c) Forked hoe_____

(d) Axe_____

THE END