

CREATIVE EDUCATIONAL SERVICES

P.7 PRE-MOCK EXAMINATIONS 2024

INTEGRATED SCIENCE

Time allowed: 2 Hours 15 Minutes

INDEX NUMBER

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Candidate's Name: _____

Candidate's Signature: _____ Date: _____

School's EMIS Number: _____

District Name: _____

Read the following instructions carefully

1. The paper has two sections: A and B.
2. All the working for both sections A and B must be shown in the spaces provided.
3. All working must be done using a blue or black ball – point pen or fountain pen. Diagrams must be drawn in pencil.
4. Un necessary changes of work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: "For Examiners' Use Only: and those inside the question paper

SECTIONS	MARKS
SECTION A	
SECTION B	
TOTAL	

SECTION A

1. What is the meaning of the term first aid?

2. Name one example of an antagonistic muscle.

3. Give one use of a wheel barrow on a garden.

4. What is the use of a child health card to a mother?

5. State one way man uses energy from the sun.

6. How is sweating important to the human body?

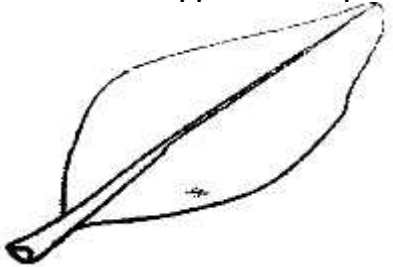
7. Why is an earthworm called an invertebrate?

8. Mention any one way of making magnets.

9. Name any one body organ greatly affected by alcohol.

10. How does a vacuum prevent heat loss in a flask?

11. Name the type of simple leaf below.



12. Why does a piece of stone sink in water?

13. Give any one method of harvesting trees.

14. State one reason why mothers should breast feed babies.

15. Mention any one activity we can do to control malaria in our homes.

16. Why is mercury commonly used in clinical thermometers?

17. How is a plant such as cactus able to survive in hot deserts?

18. What process can we use to separate suspended impurities in water?

19. State any one effect of HIV/AIDS to members of a family.

20. Why is a housefly a vector?

21. What is the main function of blood vessels in the body?

22. How do leguminous crops help in improving soil fertility?

23. State the role of enzymes during digestion.

24. Give one way of controlling diseases in rabbits.

25. Why is spacing of children in the family important?

26. In which one way is sand useful to people?

27. Mention one cause of swarming in bees.

28. What is the best way of controlling cholera?

29. State any one condition in which bacteria are useful to man.

30. How is the breathing of a whale different from that of a fish?

31. Give one organ of the digestive system which is not part of the alimentary canal.

32. Nakato enjoys flying kites, what property enables kits to keep floating in air?

33. Which sense helps one to take up message said by the teacher in class?

34. Why is the seed below dispersed by animals?



35. Apart from rusting, give another example of a chemical change.

36. What type of germination has a bean seed?

37. State any one cause of water pollution.

38. Which element of weather is good for harvesting crops?

39. Mention one skeleton disorder caused by tearing of the muscle.

40. Give the difference between echo and pitch in sound.

SECTION B (60marks)

41. a) Give any two reasons why the school should have a garden.

i) _____

ii) _____

b) Give two uses of farm records.

i) _____

ii) _____

42. a) Some diseases can be controlled without drugs. Give one example of such diseases.

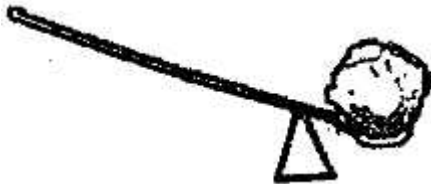
b) How should you treat the above disease?

c) Give any two reasons why it is not good to share drugs which are prescribed.

i) _____

ii) _____

43. The diagram below shows a lever.



a) Name the lever.

b) To which group of levers does it belong?

c) Using an arrow show the direction of the effort.

d) Apart from the above lever, mention another example of a lever in the same group as the above levers.

44. a) Give two raw materials for photosynthesis.

i) _____

ii) _____

b) How do the following benefit from photosynthesis?

i) man: _____

ii) plants: _____

c) Why is it that photosynthesis can only occur during day?

45. a) Give two examples of fungi apart from mushrooms.

i) _____

ii) _____

b) How do fungi reproduce?

c) State one way fungi are different from mosses.

46. a) Mention two characteristics of self - pollinated flowers.

- i) _____
ii) _____

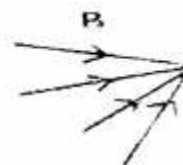
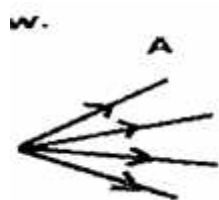
b) Apart from self - pollination, give another type of pollination.

c) Give the importance of pollination.

47. The table below is about immunization of infants study and complete it.

Vaccine	Disease prevented	Site of immunization
Polio vaccine	Polio	_____
_____	Tuberculosis	On the right upper arm
DPT	Diphtheria	_____
_____	Tetanus	Left upper arm/thigh

48. The diagram below show light beams. Use them to answer questions that follow.



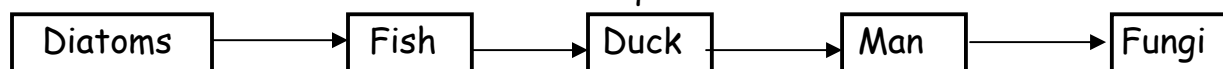
a) Identify beams A and B

- A _____
B _____

b) Which type of lenses form beams A and B.

- i) A _____
ii) B _____

49. Use the food chain below to answer questions.



a) What do the following represent in the above food chain?

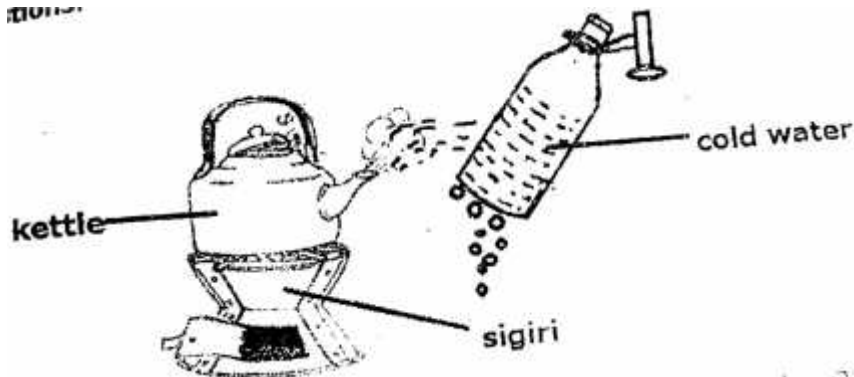
i) Diatoms _____

ii) Fish _____

b) State what happens to the fish when ducks increase in number?

c) Give the general name given to fish, Duck and man.

50. The diagram below is an experiment performed by P.5 pupils. Use it to answer questions.



a) What process in the environment does the experiment above show?

b) What do the following represent in the above experiment?

i) The kettle: _____

ii) The sigiri: _____

c) Give the function of cold water in the bottle.

51. a) What is personal hygiene?

b) Give two reasons why personal hygiene is good to human health.

i) _____

ii) _____

c) Mention any one disease caused due to poor personal hygiene.

52. a) Why is water not good to stop petrol fires?

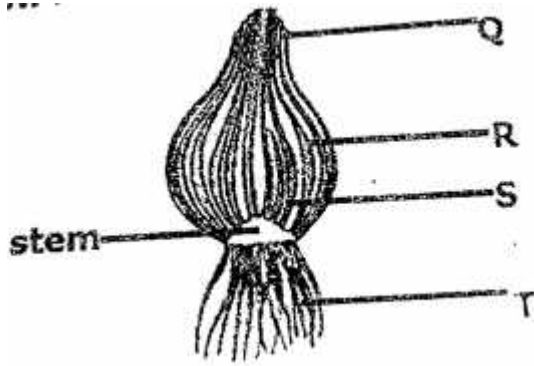
b) Give two possible methods used to stop petrol fires.

i) _____

ii) _____

c) State any one danger caused by petrol fires.

53. Below is a bulb, use it to answer questions.



a) Name parts marked Q and S.

i) Q _____ ii) S _____

b) Give the function of part marked R.

c) What type of stem has the above bulb?

54. a) What are fowl vices?

b) How does poor feeding lead to fowl vices

c) Give any one activity done to prevent fowl vices.

55. a) How is the function of the kidney similar to that of lungs?

b) Give any two practices that may lead to poor functioning of the lungs.

i) _____

ii) _____

c) Mention any one way one can maintain the proper working of the kidney.

END