

EDUCATION SOURCE EXAMINATION BOARD 2024

P.7 MAY HOLIDAY PROGRAM SET ONE, 2024

SUBJECT : INTEGRATED SCIENCE

DURATION: 2 HOURS 15 MINUTES

Name

Index Number:

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Read the following instructions carefully

1. This paper is made up of two Sections: A and B.
2. Section **A** has 40 questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Attempt all questions. Answers to both sections must be written in the spaces provided.
5. All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will **NOT** be marked.
6. Crossing out of answers will lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.

WHAT'S APP @: 0779680288 / 0756400218

| FOR EXAMINERS USE ONLY | | |
|------------------------|------|------|
| QN. NO. | MARK | SIGN |
| 1-10 | | |
| 11-20 | | |
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| 53 | | |
| 54 | | |
| 55 | | |
| TOTAL | | |

SECTION A

1. Name one type of germs.

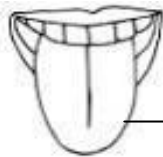
2. By what process does water change to vapour?

3. Why are patients discouraged from buying medicine from markets?

4. Give one example of static electricity in nature.

5. Give any one use of wool as an animal fibre.

Use the body organ shown below to answer the questions that follow.



Y

6. Name the body organ marked Y.

7. Give one use the organ marked Y during digestion.

8. Why are splints used for giving First Aid for fractures?

9. Apart from carbohydrates, which other class of food provides energy?

10. Give one way water in the soil is useful to plants.

11. Name one disorder faced by mothers during pregnancy.

12. Give one disadvantage of seed dispersal to a farmer.

13. In the space provided below, draw a garden tool used for collecting rubbish.
14. Give one use of magnets at home.
-
15. State the use of gills to a mushroom.
-
16. How does immunization of children improve their health?
-
17. Give any one reason why breast feeding mothers wean their babies.
-
18. Give the similarity between a switch and a fuse.
-
19. Suggest any one crop growing practice that farmers use to control crop pests.
-
20. What important activity does a nurse carryout to make mercury go back to the bulb in a thermometer?
-
21. Name one example of a fossil fuel.
-
22. How are beans similar to pine in the way they reproduce?
-
23. What process enables warm air in a house to rise up to the ventilators?
-
24. Why is the moon not regarded as a source of light?
-

25. What plant system does the plumule make when it grows?

26. Why tepid sponging is applied to a person with fever.

The diagram below is of a beak of a bird. Use it to answer questions 27 and 28.



27. To which group of birds does one with such a beak belong?

28. How are birds with such a beak adapted to their mode of feeding?

29. How can we change the pitch of sound produced by a guitar?

30. Give any one example of a perennial crop.

31. Give one effect of opaque objects on light.

32. In which way does mulching help to keep the soil fertile?

33. State any one way friction is useful in a class room.

34. In which human body organ does gaseous exchange take place?

35. Name the type of change in which an organism increases or decreases in size.

36. Name one common incurable disease in our community.

37. Name any one plant propagated by use of suckers apart from bananas.

38. Why is salt used in the making of oral rehydration solution?

39. Name one condition that supports rusting.

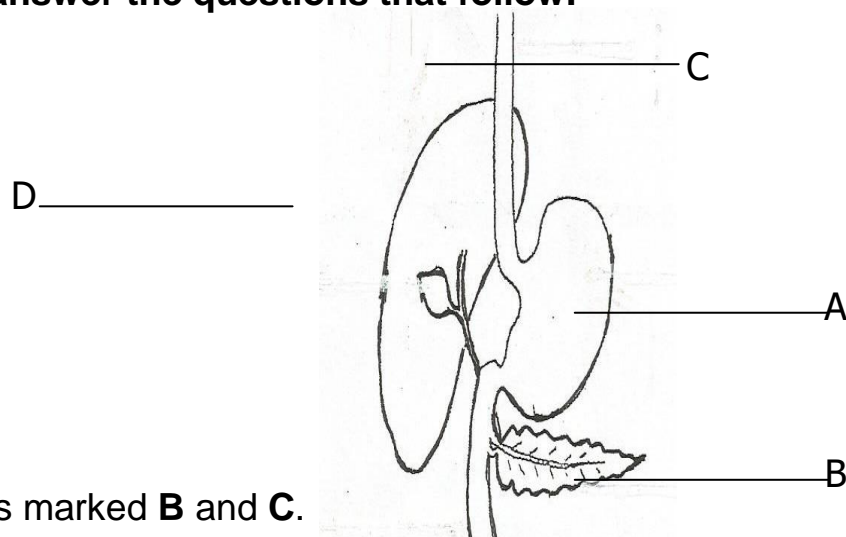
40. Apart from getting sexual transmitted diseases, give one other reason why a P.7 girl should avoid early sex.

SECTION B (60 Marks)

41. a) Name one example of a natural resource in the environment.

- b) How does the use of an energy saving stove help to conserve environment?

- c) Give any two examples of renewable energy resources.
i) _____
ii) _____
42. The diagram below shows a part of the human digestive system. Study and use it to answer the questions that follow.



- a) Name the parts marked **B** and **C**.

- i) **B** _____
- ii) **C** _____

b) Name one substance absorbed in part marked **A**.

c) Give the importance of the juice produced by part **D** during digestion.

43. a) To which class of animals does a snake belong?

b) Give one use of snakes to human beings.

c) Give any one example of a poisonous snake.

d) Why do snakes move with their tongues outside?

44. a) Give any two common secondary sex characteristics in both adolescent boys and girls.

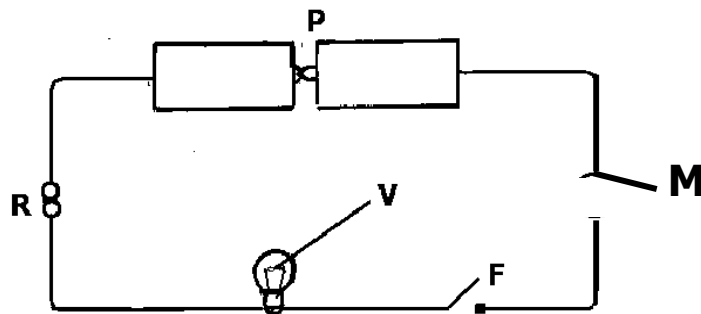
i) _____

ii) _____

b) In which part of the female reproductive system does conception take place?

c) State anyone problem faced by young mothers.

45. The diagram below shows an electric circuit. Study and use it to answer the questions that follow.



a) Name the part marked M.

M: _____

b) Calculate the voltage in the above circuit.

c) Give any one factor that can prevent the bulb in the above diagram from lighting when the circuit is completed.

46. a) What is castration?

b) Name any one method of castration.

c) State any two reasons why farmers castrate their animals.

i) _____

ii) _____

47. a) State any two agents of soil erosion.

i) _____

ii) _____

b) Give two ways in which soil erosion can be controlled in hilly areas.

i) _____

ii) _____

48. a) Name the childhood immunisable disease spread through sexual intercourse.

b) What type of immunity does a baby get through immunization?

c) Why does the government carry out immunization free of charge?

d) Give one way of informing people in our community about immunization.

49. a) What type of skeleton does a cricket have?

b) Give two functions of the skeleton to an organism.

i) _____

ii) _____

c) State the injury that results from tearing of muscles.

50. **Match the body parts to their functions correctly.**

List A

Kidney

Heart

Stomach

Skin

List B

-pumps blood to all body parts.

-churns food into chyme

-regulates body temperature

-filters blood

i) Kidney_____

ii) Heart_____

iii) Stomach _____

iv) Skin _____

51. a) Name any two products people get from bees.

i) _____

ii) _____

b) Give two conditions farmers can provide to prevent their bees from swarming.

i) _____

ii) _____

52. a) Name two vulnerable groups of people.
i) _____
ii) _____
b) Give any one way of caring for people with HIV/AIDS.

c) State any one role of The AIDS Support Organization (TASO).

53. a) Give two reasons people give for drinking alcohol.
i) _____
ii) _____
b) State any one use of alcohol to doctors in hospitals.

c) Give any one effect of alcoholism to an individual.

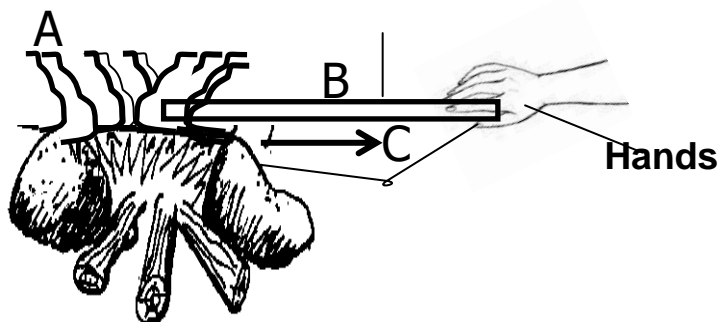
54. a) Why are mushrooms regarded as saprophytes?

b) Apart from mushrooms, give any other two examples of saprophytes.
i) _____
ii) _____
c) Give any one use of mushrooms to people.

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

Metal



Burning wood

a) Name the processes of heat transfer marked A and C.

i) A _____

ii) C _____

b) How do people make use of the process marked B.

c) In which state of matter does heat travel fastest?

END

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