

EDUCATION SOURCE 2024 EXAMINATION BOARD

P.7 END OF TERM ONE EXAMINATION SET II

INTEGRATED SCIENCE

Time allowed: 2 hours 15 minutes

Index No.

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Candidate's Name _____

Candidate's Signature _____

School Name: _____

District Name: _____

Read the following instructions carefully:

1. This paper has **two** sections: **A** and **B**. Section A has 40 Questions and section B has 15 questions.
2. Answer all questions. All answers to both sections A and B must be written in the spaces provided.
3. All answers must be written using a blue or black ball-Point pen or ink. Any work written in pencil other than Graphs, pictures and diagrams will not be marked.
4. Unnecessary 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 the boxes indicated:

“For Examiners’ Use Only” and those inside the question paper

FOR EXAMINER'S USE ONLY		
Qn. No	MARK	EXR'S NO
1 – 10		
11 – 20		
21 – 30		
31 – 40		
41 – 43		
44 – 46		
47 – 49		
50 – 52		
53 – 55		
Total		

SECTION A:

1. Name any one water borne disease.

2. Mention the food value obtained from eating fruits.

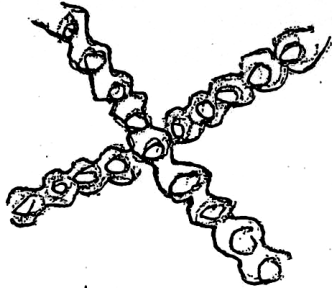
3. How are moths able to locate flowers at night?

4. Which term is used to mean bee farming?

5. Name any one resource in the environment which helps in filtration of water.

6. Give any one effect of friction on a hoe.

The diagram shows the eggs of an amphibian. Study it and use it to answer question Number 7.



7. Name the amphibian which lays the above eggs

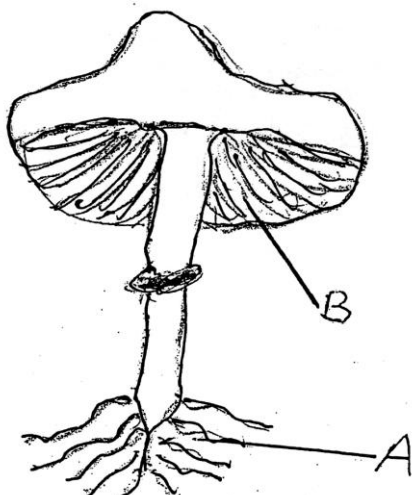
8. State any one way of controlling weeds without using chemicals.

9. What type of change is controlled by painting?

10. Why are germs weakened before introducing them into the human body as vaccines?
-
11. Mention any one deficiency disease that results from lack of mineral salts in the body.
-
12. State any one structural difference between a nymph and an adult cockroach.
-
13. How is a single fixed pulley similar to a first class lever?
-
14. Give any one natural cause of soil erosion.
-
15. Write down one habit that affects the normal functioning of the respiratory system.
-
16. State any one effect of sexual deviation to an individual.
-

The diagram below shows a mushroom. Study it to answer the question

No. 17 and 18

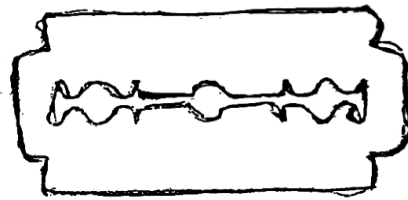


17. Name part labeled with letter B.
-
18. What is the function of part marked with letter A ?
-
19. Identify any one effect of freezing on water.
-
20. What is the weakest part of a simple electric circuit?
-
21. Give one difference between a cassava tuber and an Irish potato tuber.
-
22. Identify the method which can be used to obtain salt from ash.
-
23. How is the use of biogas important in conservation of the environment?
-
24. What attracts a housefly in a VIP latrine to move out through the vent pipe instead of the hole?
-
25. Give one importance of sterilizing a clinical thermometer before using it on another person.
-
26. Apart from nectar, mention one other item which can be obtained from a flower.
-
27. State any one use of a nest to a bird.
-
-

28. Why should a hutch be built higher from the ground?

29. How is a measuring cylinder useful in finding volume of an irregular object?

The diagram below shows an item used at home. Study it and use it to answer questions 30 and 31.



30. Mention any one way the above item is used to promote personal hygiene.

31. What should be done to the item above before shaving it with another person?

32. What is the function of the liver during digestion?

33. Which part of a maize grain stores starch?

34. In which units is rainfall measured?

35. State any one way of protecting school building against the effect of strong wind.

36. How does smoking control the effect of bacteria on food?

37. Name the method used to make permanent magnets.

38. In the space provided below, draw a simple serrated leaf.



39. Which type of blood contains more carbon dioxide than oxygen?

40. Give any one way of caring for people living with HIV.

SECTION B

41. a) Apart from washing, give two other activities involved in the process of cleaning our clothes.

i) _____

ii) _____

b) Write down two items used when washing clothes.

i) _____

ii) _____

42. a) Give the term used to mean the scattering of seeds from the mother plant.

b) Mention any two methods by which seeds scatter from the mother plant.

i) _____

ii) _____

c) Give any one importance of the scattering of seeds from a mother plant.

43. a) Give the function of each of the parts of the human ear below

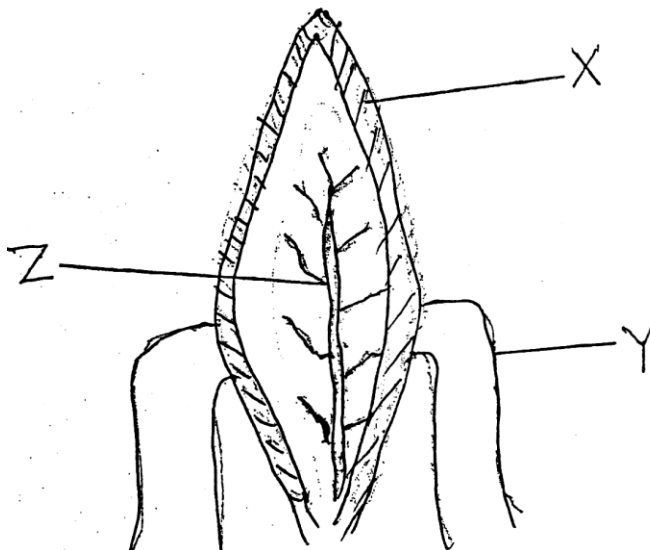
i) ear drum

ii) cochlea

b) Apart from hearing, give another function of the human ear.

c) Name any one disease of the human ear.

The diagram below shows parts a mammalian tooth. Study it and use it to answer the questions that follow below it.



44. a) Name parts marked X and Y
i) Y _____
ii) X _____

b) Give one function of blood vessel marked z to the tooth.

c) Which mineral salt forms part marked x?

45. a) Apart from virus, give any two other types of germs.

i) _____

ii) _____

b) State the best way of controlling diseases caused by virus.

c) Identify any one way how germs spread.

46. Match animals in list A with their names in list B

List A

List B

Dog

- Sty

Cow

- Kennel

Pig

- Hutch

Rabbit

- Kraal

a) Dog _____

b) Cow _____

c) Pig _____

d) Rabbit _____

47. a) What is fainting?

b) Mention any two conditions that lead to fainting.

i) _____

ii) _____

c) In one sentence, state the first aid for fainting.

48. a) How does boiling make water safe for drinking?

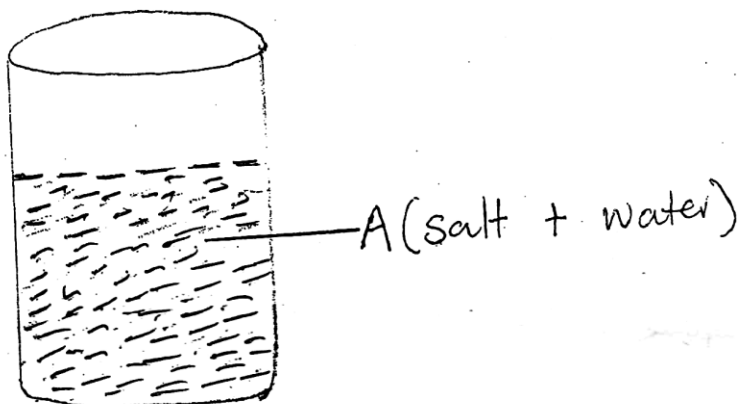
b) Give two ways how boiled water can become recontaminated.

i) _____

ii) _____

c) Apart from covering, give one other way of preventing boiled water from contamination

The diagram below shows a mixture of salt and water. Study it and use it to answer the questions that follow



49. a) Which term is used to mean the mixture marked A?

b) Why did the salt disappear completely in water?

c) What did water act as in the above mixture?

d) How can a person obtain salt from the mixture above?

50. The table below shows some human diseases and their causes. Complete it correctly

Disease	Cause
a) Lung cancer	_____
b) _____	Plasmodia
c) Tuberculosis	_____
d) _____	Itch mites

51. a) Name any two types of poultry besides chicken.

i) _____

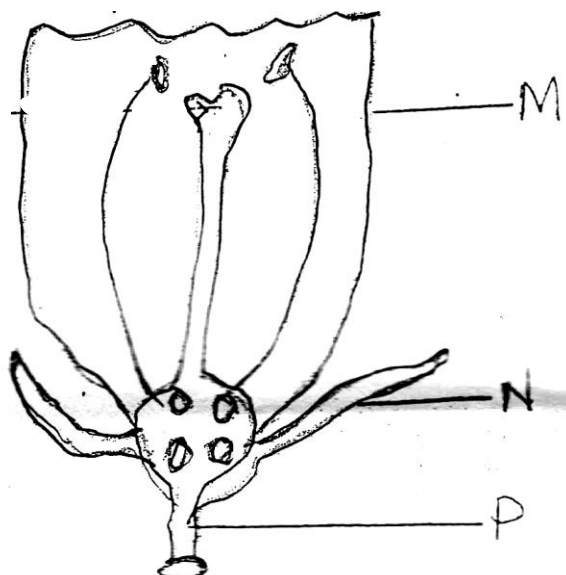
ii) _____

b) State any one difference between a breed of chicken and a type of chicken.

c) Give one type of chicken.

Study the diagram of a flower below and use it to answer the questions that follow

10 10



52. a) Name parts marked M and N

i) M_____

ii) N_____

b) What is the function of part marked P?

c) Draw an arrow and name the part which receives pollen grains on the diagram.

53. a) Mention any two equipment used to produce solar energy.

i)_____

ii)_____

b) Give two advantages of using solar energy.

i)_____

ii)_____

The diagram below shows the stages of growth a butterfly undergoes. Study it and use it to answer questions that follow.

Eggs	B	C	D
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54. a) Name the stage marked C.

b) How is stage D useful to a crop farmer?

c) At what stage on the diagram does the insect live in a cocoon?

d) How is stage B different from stage C?

55. Re-arrange the stages of harvesting honey below to form a correct order.

- Cut the honey combs
- Smoke the hive
- Put the hive down
- Open the hive

a) _____

b) _____

c) _____

d) _____

END