



OUTREACH SCHOOLS EXAMINATIONS BOARD
MOCK PREPARATION SET FIVE
PRIMARY SEVEN
2023

INTEGRATED SCIENCE

Time Allowed: 2 hours 15 Minutes

Random No.						Personal No.		

Candidate's Name:

Candidate's Signature:

School Name:

District No:

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Read the following instructions carefully:

1. This paper has two sections: **A** and **B**
2. Section **A** has 40 questions (40 marks)
3. Section **B** has 15 questions (50 marks)
4. Answer all questions. All the working for both sections A and B must be shown in the spaces provided.
5. All working must be done using a blue or black ball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.
6. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.
7. Do not fill anything in the table indicated
"For examiners' use only" and the boxes inside the question paper.

FOR EXAMINERS'

USE ONLY

Qn. No.	MARKS	EXR'S No.
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

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Turn Over

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SECTION A

1. In which state of matter is water vapour?

2. How do sun rays help in the formation of rain?

3. Why does milk left in the open become sour after sometime?

4. A fifteen-year boy who has been usually well behaved suddenly becomes rude. State one possible change in the child responsible for such behaviour.

5. How does painting of iron materials prevent rusting?

6. Why would the prevention of AIDS be easier than that of malaria?

7. Explain why sand soil cannot retain water like clay soil.

8. Give one characteristic which is common in all vertebrates.

9. When measles attacks babies, there are signs and symptoms. state one symptom of measles?

10. State one agent responsible for dispersing mango seeds.

11. Give one reason why a pit latrine should be built 10 metres away from classrooms. _____

12. What is the use of a drone bee in a hive?

13. State one reason why air in the soil is important?

14. Name the type of joint found between the humerus bone and radius bone.

15. Why can't toad stool carryout photosynthesis?

16. How is scabies spread?

17. Name one primary sex characteristic of adolescent girls.

18. An object has a mass of 40g and a density of 5g/cc. Find the volume.

19. How can indigenous cattle breed be improved upon?

20. Why do peasants in mountainous area terrace their land?

21. Of what importance are root nodules found on legumes?

22. Name the second stage of a cockroach.

23. Suggest one problem that may rise if the population keeps on growing.

24. How does polythene paper pollute the soil?

25. Why is ORS important to a patient with diarrhoea?

26. Name the enzyme found in babies' stomach that acts on milk.

27. How does a fuse work?

28. What is agro-forestry?

29. A P.5 pupil put a ruler in a glass containing water. The ruler appeared bent. Why did the ruler appear bending?

30. Identify one disease which affects banana.

31. Ronald kicked a ball up in space. After 5 seconds it fell down and bounced. What force makes the ball to fall down?

32. Give one importance of smoking fish.

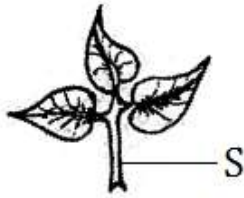
33. How is the wearing of rubber gloves helpful to an electrician repairing electrical appliances?

34. Write TASO in full. _____

35. Mention any one common cause of sickness in a home.

36. Name the substance which exists in the three states of matter.

Below is a leaf.



37. Name parts S.

38. Name the garden tool below.



39. Why is friction a nuisance force?

40. Give one importance of conserving swamps.

SECTION B

41. (a) What is active smoking?

(b) Why do some people smoke?

(c) Which respiratory disease is worsened by smoking?

(d) Why must one avoid being near a person smoking?

42. (a) Explain the term casualty.

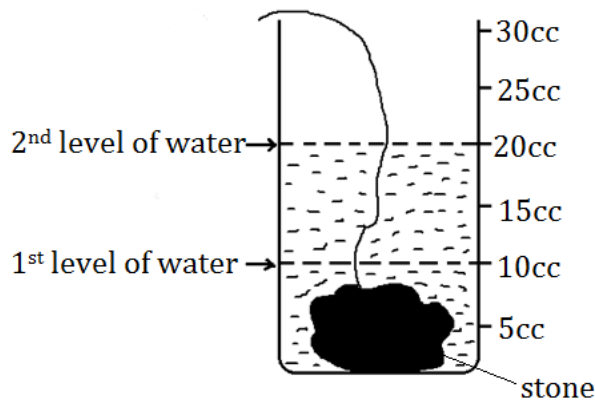
(b) How are the following used in administering first aid?

(i) spirit: _____

(ii) bandage: _____

(c) Why is first aid important to a casualty?

43. *The diagram bellow shows an experiment of finding the volume of an irregular body. Use it to answer the questions that follow.*



(a) Find the volume of the stone.

(b) What does the following represent?

(i) 1st level of water:

(ii) 2nd level of water:

(c) Name the above method of finding the volume.

44. (a) Apart from Exo-skeleton and Endo-skeleton, name any other type of skeleton.

(b) How are the following delicate organs protected?

(i) Ears:

(ii) Spinal cord:

(c) Mention one example of a pivot joint.

45. During the preparation of ORS, water, sugar and salt are used.

(a) Write ORS in full.

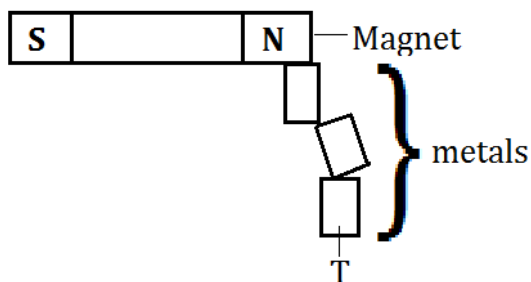
(b) Mention one substance given above which is a solute.

(c) Identify any two properties of water.

(i) _____

(ii) _____

46. *The diagram below shows an experiment made by Musoke on magnetization. Use it to answer the questions below.*



(a) Name the method of magnetism above.

(b) What magnetic pole will "T" be?

(c) Name two ways through which the magnets may lose their magnetism.

(i) _____

(ii) _____

47. (a) Name two fuel minerals.

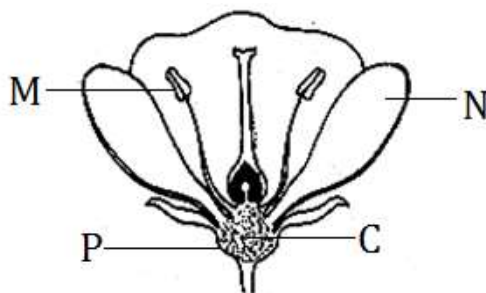
(i) _____

(ii) _____

(b) Suggest one disadvantage of using fuel minerals in a rural village.

(c) What form of energy do we find in these fuel minerals?

48. *The diagram below shows a flower. Use it to answer questions below.*



(a) Name parts.

(i) M _____

(ii) P _____

(b) What will happen to part C after fertilization?

(c) What enable part "N" to attract pollinators?

49. Miss Nalubega, a medical doctor examined a patient and found out that his temperature had dropped by 2°C .

(a) What was the actual temperature of a patient in Celsius scale?

(b) Change the temperature of the patient in Fahrenheit scale. (2mks)

(c) Why do doctors prefer to use mercury thermometers to alcohol thermometer?

50. **Study the table below and match the instruments with their functions.**

List A	List B
Lactometer	Humidity
Fathometer	Densities of liquids
Hydrometer	Depth of water
Hygrometer	Fats and water in milk

Lactometer

Fathometer

Hydrometer

Hygrometer

51. (a) What is PHC?

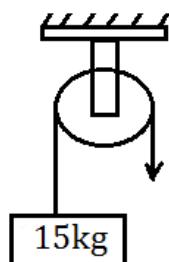
(b) Give any two activities under primary health care.

(i)

(ii)

(c) Name any one element of PHC.

52. **The diagram below shows a simple machine.**



(a) Name the simple machine.

(b) Calculate the minimum force required to lift the Load.

(c) Give two factors that may reduce the efficiency of the machine above.

(i) _____

(ii) _____

53. (a) Why do people marry?

(b) Outline any two legal marriages in Uganda.

(i) _____

(ii) _____

(c) How should married couples avoid getting AIDS?

54. (a) What is environment?

(b) Identify anyone practice which lead to environment be conserved.

(c) Give any two reasons why we conserve the environment.

(i) _____

(ii) _____

55. Name the parts of the eye which do the following.

(a) control the size of the pupil.

(b) allow light into the eye.

(c) controls the size of the lens.

(d) On which part of the eye are images formed?

*******GOD BLESS*******