

CREATIVE EDUCATIONAL SERVICES

P.7 PRE-MOCK EXAMINATIONS 2025

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. Besides being vertebrates, how else are birds similar to mammals?

2. Give the meaning of reflection of light.

3. Besides killing germs, how else is hydrochloric acid important in the stomach?

4. Suggest any one way of controlling mosquitoes at the larva stage.

5. What advice would you give to a mother whose child is suffering from Kwashiorkor?

6. In one sentence, give the meaning of an apiary.

7. Why can't a pen write on a paper smeared with oil?

8. Outline one way of controlling constipation among children.

9. Why should babies be breast fed for the first six months of their life?

10. How is the immunization programme important to people in Uganda?

11. Identify the best family planning method which controls STDs among married couples.

12. To which body system does the skin belong?

13. Why isn't a toadstool able to make its own food?

14. State one importance of proper chewing of food before swallowing.

15. Cite out one way of increasing the volume of blood in the body.

16. Name any one food stuff that is pounded or ground before cooking.

17. Give one difference between a spider and a cockroach.

18. Mention any one reason why children eat food.

19. Give an example of a water impurity.

20. State any one difference between a dove and a rat.

21. Name any one flowering plant.

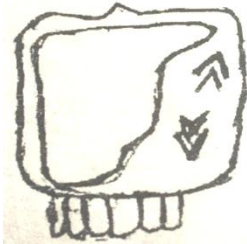
22. Identify any one way of controlling water borne diseases.

23. Why should a P.7 pupil brush his / her teeth after every meal?

24. Why are bee keepers advised to put bee hives in quiet places?

25. List any one solute used in the preparation of ORS.

Study the diagram of a fruit below and answer questions 26 and 27.



26. Use letter K to indicate the plumule on the above fruit.

27. Why is the above grain called a fruit?

28. How many stages of the lifecycle does a bee have?

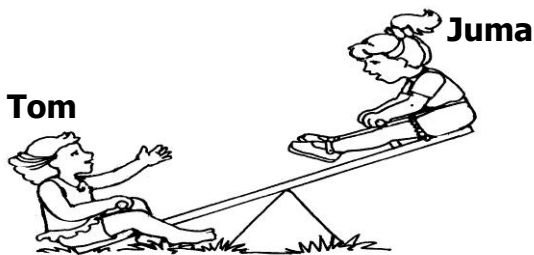
29. How do crops on a mixed farm benefit from livestock.

30. Cite one disease of the circulatory system.

31. Why is it dangerous break blisters casualties categorized with second degree burn?

32. Outline one way of controlling constipation among children.

Study the diagram below and answer questions 33 and 34.



33. Who of the two boys is heavier?

34. What should Juma do to lift Tom up?

35. In the space below, draw a compound trifoliate leaf.

36. How are splints useful to casualties?

37. Identify any tick – borne cattle disease.

38. Give any example of water impurity.

39. State the similarity between a dove and arat.

40. Why does an earth worm die after pouring oil on it?

SECTION B

41.a) State the main reason why farmers keep Fresian cattle.

b) Identify any other breed of cattle kept for the reason given in (a) above.

c) How are the following tools useful on a cattle farm?

Strip cup _____

Lactometer _____

42.a) Give the meaning of the term food security.

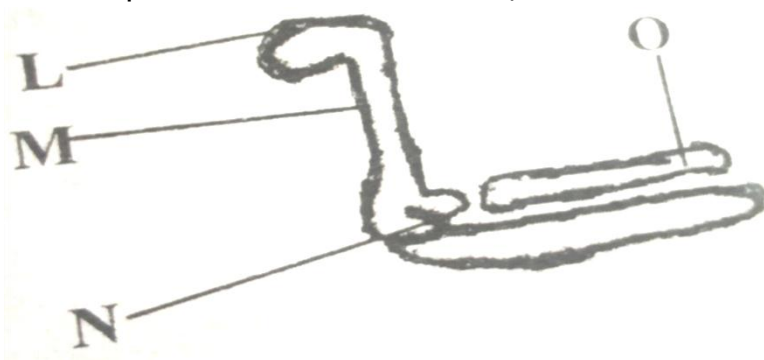
b) State any two ways of improving food security of a community.

i) _____

ii) _____

c) State one danger of food insecurity in a community.

43. Below is part of the human skeleton, use it to answer the following questions.



a) Name the bones M and O.

M _____

O _____

b) What type of bone is marked with letter M?

c) How is joint N different from the joint at L?

44.a) State any one activity at home where filtration is carried out.

b) Why is distilled water not good for drinking?

c) Give two activities that can be done to make dirty water safe for drinking.

i) _____

ii) _____

45.a) State any two ways how vectors spread diseases.

i) _____

ii) _____

b) Cite out any two diseases which are not spread by vectors.

i) _____

ii) _____

46.a) In one sentence give the meaning of weather.

b) State any two weather conditions.

i) _____

ii) _____

47.a) What is meant by the term PHC?

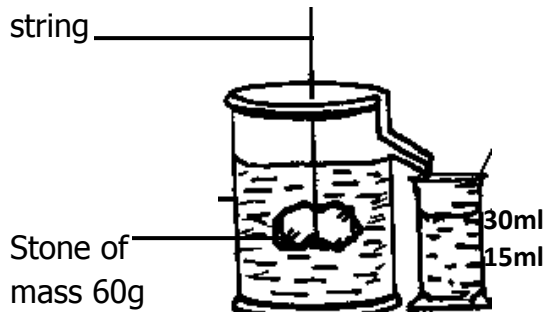
b) Identify any two elements of PHC respected at school.

i) _____

ii) _____

c) Outline any one principle of PHC.

48. Study the diagram below of finding volume.

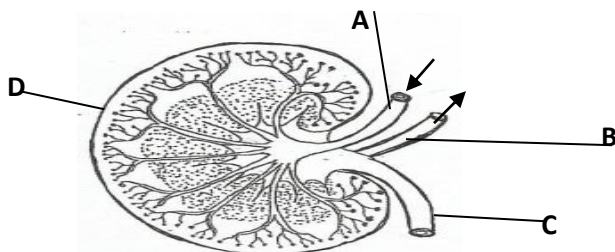


a) When is the above method used to measure volume?

b) State the role of the string in the above process.

c) Calculate the density of the stone.

49. Study the diagram of the kidney below.



a) Name the parts marked C and D.

i) C _____

ii) D _____

b) Give one difference between blood carried in vessels marked A and B

c) List any one disease of the kidney.

50.a) State the role of the following parts of the female reproductive system.

i) Ovary: _____

ii) Cervix: _____

b) Name any disease of the reproductive system which attacks the cervix.

c) State any one way of caring for the reproductive system.

51.a) In one sentence, give the meaning of drug prescription.

b) Which component of a drug prescription protects patients from taking wrong drugs?

c) How should a mother prevent drug poisoning in a home?

i) _____

d) What is drug misuse?

52.a) What is oral health?

b) Name any two tools that can be used to promote oral health.

i) _____

ii) _____

c) Why is opening bottles using one's teeth a bad practice?

53.a) State any one economic importance of sound energy.

b) How does a guitar produce sound?

c) Give any one method of storing sound.

d) State one importance of an ear to a deaf person.

54. Match the following forms of electricity with their sources.

List A

Thermal electricity

Hydro electricity

Geothermal electricity

Solar electricity

List B

The sun

Fossil fuels

Fast flowing water

Steam from hot rocks

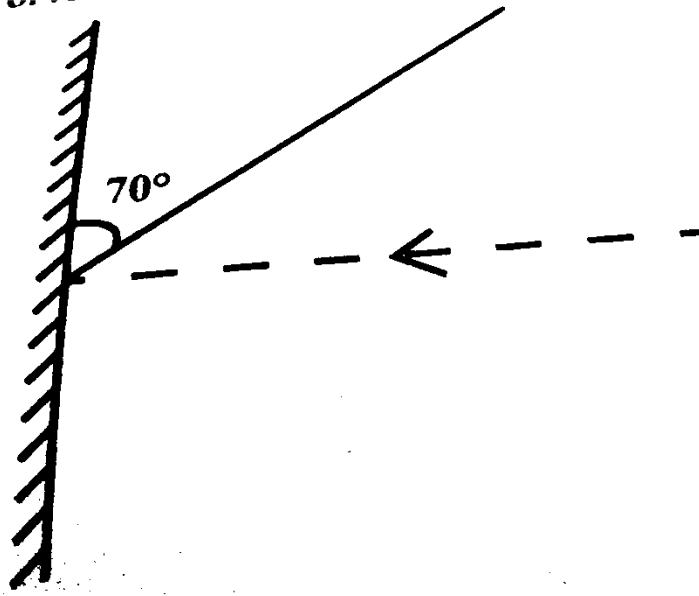
Thermal electricity: _____

Hydro electricity: _____

Geothermal electricity: _____

Solar electricity: _____

55. Study the reflection below.



- a) Complete the diagram by drawing the missing ray.
- b) Name the light ray you have drawn.

- c) What type of reflection is shown in the diagrams?

END