



SOROTI CITY ACADEMIC COMMITTEE

MOCK ASSESSMENT 2024

PRIMARY SEVEN

INTEGRATED SCIENCE

Time Allowed : 2 Hours 15 Minutes

| Index No. | Random No. | | | | | | Personal No. | | |
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Name:.....

School:.....

Signature:.....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

1. The paper has two sections: A and B
2. Section A has 40 questions (40 marks)
3. Section B has 15 questions (60 marks)
4. Answer All questions. All answers to both section A and B must be written in the spaces provided
5. All answers must be written using a blue or black ball-point pen or ink
Diagrams should be drawn in pencil.
6. Unnecessary alteration of work may lead to loss of marks
7. Any handwriting that cannot easily be read may lead to loss of marks
8. Do not fill anything in the boxes indicated for examiners' use only

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 | | |

Turn Over

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SECTION A

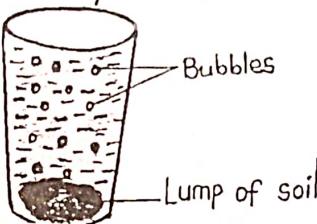
1. Name the body sense that helps a child to tell colour of their school uniform.

2. Mention any one element of weather which delays drying of harvested crops.

3. State anyone way litter is important in a poultry deep litter house

4. Give any one reason why a housefly is grouped under insects.

5. Give any one way of preventing electric shocks at home.

6. The diagram below shows an experiment carried out to show a component of soil.
Study and use it to answer questions 6 and 7


Bubbles

Lump of soil

Name the component of soil tested below.

7. State how the component of soil is useful to organism that live in soil.

8. Give any one way of preventing contamination of milk during milking.

9. Name the state of matter in which heat travels fastest.

10. State how warmth is important during seed germination.

11. Give the reason for wringing clothes during cleaning.

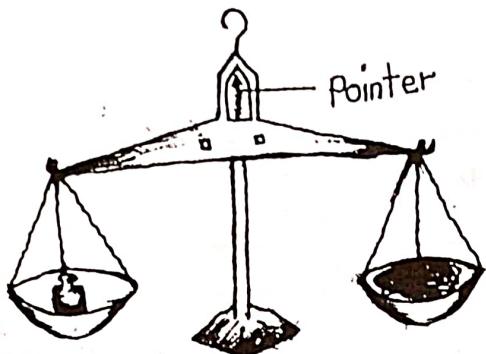
12. Name the disease prevented through immunization using BCG vaccine.

13. State the adaption of incisor tooth to its function in humans

14. State any one way regular physical exercises are important to the human circulatory system.

15. Name the type of objects that enables us to see clearly through them.

The diagram below shows an instrument used in measurement. Study it carefully and answer questions 16 and 17



16. Name the instrument shown above.

17. State the use of the instrument above in measurement.

18. Give any one way conservation of tree is important in the environment.

19. State any one way covering of food prevents food contamination.

20. Name the part of human digestive system that produces gastric juice.

21. State any one danger of poor sanitation in your community.

22. Give any one way of re-using empty plastic bottles in the environment.

23. Mention any one principle of Primary Health Care.

24. Name the method of planning crops that makes weeding easy.

25. Name any body part responsible for the transmission of AIDS.

26. State why step skating of tall grass in the compound controls malaria.

27. Name the part of the female reproductive organ in humans where ovulation takes place.

28. State any one importance of exercise to human health.

29. Explain why washing of ears in humans prevents infection.

The diagram below shows an item to promote oral hygiene. Study it and use it to answer questions 30 and 31.



30. Name the item above. _____
31. State the use of the above item when promoting oral hygiene. _____
32. Name the part of VIP latrine that reduces bad smell. _____
33. State how road humps reduce accidents. _____
34. Name the fungus that reproduces by budding. _____
35. State any one way kidneys are important in the human body. _____
36. Give the type of change in humans that occurs when food is burnt by oxygen. _____
37. State any one way a woodlot is important in a community. _____
38. Give any one way breastfeeding improves the health of a baby. _____
39. Mention any one characteristics of a good hutch. _____
40. Name the type of pulley which has mechanical advantage of 2. _____

SECTION B

41. A child poured salt in saucepan of water accidentally. After some time the salt disappeared in water.
- a) Name the type of change that occurred to the salt. _____
- b) Give the reason why salt disappeared in water. _____
- c) Describe any two steps you can use to recover the salt.
- (i) _____
- (ii) _____
42. a) Name the farm tool in cattle management used,
- (i) to apply liquid medicine through the mouth. _____

(ii) to carry out closed castration

b) Give any two practices of controlling cattle diseases.

(i)

(ii)

43. The diagram below demonstrates breathing in humans. Use it to answer questions that follow.

Diagram showing the process of breathing in humans.

The diagram illustrates the respiratory cycle with three phases: Inhalation, Exhalation, and Breathing.

1. Find the term that corresponds to the following parts of the diagram:

a) Inhalation - the process of taking air into the lungs

b) Exhalation - the process of removing air from the lungs

c) Breathing - the process of moving air in and out of the lungs

d) Inhalation - the process of removing air from the lungs

e) Exhalation - the process of taking air into the lungs

f) Breathing - the process of moving air in and out of the lungs

2. Match each of the following practices and their correct meaning.

a) Castration - removal of one or both testes and ovaries

b) Clipping - covering hair with the sharp instrument

c) Dipping - laying hens in the water containing medicine

d) Ear-tagging - marking the ears of animals with numbers

e) Feeding - giving food to animals

f) Immunization - giving a vaccine to animals

g) Injecting - giving a medicine directly into the blood

h) Vaccination - giving a vaccine to animals

i) Deworming - giving medicine to remove worms from the body

j) Parasitism - the relationship between two organisms where one benefits at the other's expense

k) Parasite - an organism that lives on or in another organism, causing it harm

l) Predator - an animal that hunts and eats other animals

m) Prey - an animal that is hunted and eaten by another animal

n) Parasite - an organism that lives on or in another organism, causing it harm

o) Predator - an animal that hunts and eats other animals

p) Prey - an animal that is hunted and eaten by another animal

q) Parasite - an organism that lives on or in another organism, causing it harm

r) Predator - an animal that hunts and eats other animals

s) Prey - an animal that is hunted and eaten by another animal

t) Parasite - an organism that lives on or in another organism, causing it harm

u) Predator - an animal that hunts and eats other animals

v) Prey - an animal that is hunted and eaten by another animal

w) Parasite - an organism that lives on or in another organism, causing it harm

x) Predator - an animal that hunts and eats other animals

y) Prey - an animal that is hunted and eaten by another animal

z) Parasite - an organism that lives on or in another organism, causing it harm

aa) Predator - an animal that hunts and eats other animals

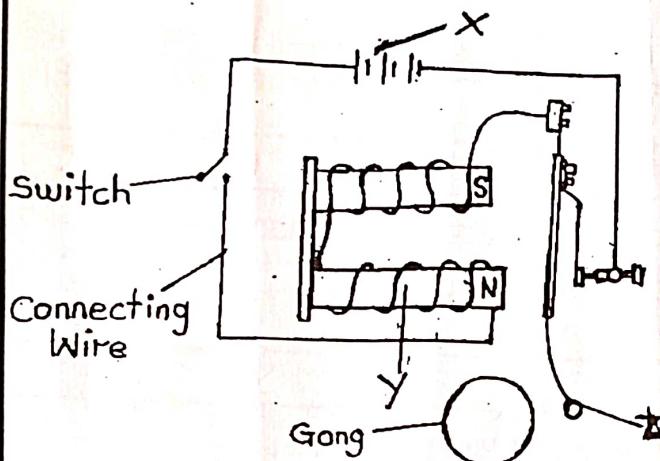
bb) Prey - an animal that is hunted and eaten by another animal

b) Find the value of V for the seesaw to balance.

(3marks)

- (i) _____
(ii) _____
(iii) _____

47. The diagram below shows one of the electrical appliances. Study and use it to answer the following questions.

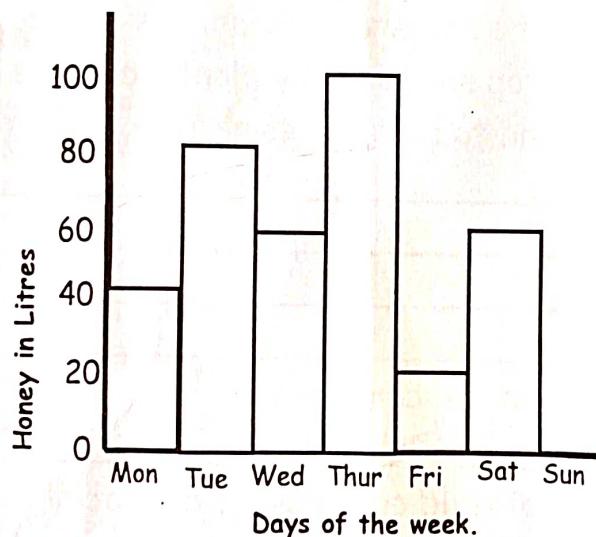


a) Name part X

b) State what happens to part Y and Z when the switch is completed?

- (i) Y _____
(ii) Z _____
c) Give the importance of the above appliance in a school.

48. Young farmers Club in a certain school started bee keeping project. They harvested honey in litres from different hives in a week



a) On which day of the week was the lowest amount of honey collected.

b) Give any two ways young farmers club benefits from bee keeping project.

- (i) _____
(ii) _____

c) State any one way the young farmers club can increase honey production in their project.

49. a) State one cause of silting.

c) Mention any two dangers silting.

(i) _____

(ii) _____

d) Give any one way of reducing silting.

50. a) Give the meaning of the term accident.

b) A baby crawled towards a charcoal stove where porridge was being cooked and grabbed the saucepan.

(i) Mention the injury the baby got when the porridge poured on him/her.

(ii) How would a P.7 pupil help a baby as a first aider?

d) State the importance of giving first aid to such the baby.

51. a) Name one root tuber crop propagated by means of seeds

b) State the method suitable for propagation of cassava as a crop.

c) Give a reason why an Irish potato is called a stem tuber.

d) Apart from the Irish potato, name one other example of a stem tuber.

52. a) Name the sexually transmitted infection:

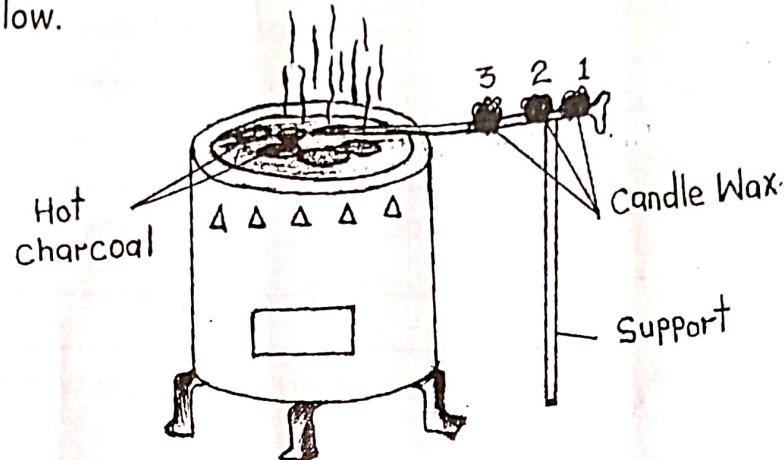
(i) that destroys white blood cells.

(ii) that leads to blindness in babies if not treated.

b) State the best way adolescents can prevent transmission of sexually transmitted infections.

c) Mention anyone PIASCY message that promotes prevention of sexually transmitted infections.

53. The diagrams below shows a method of heat transfer. Study it and answer questions that follow.



a) Name the piece of candle wax that melts first.

b) Give a reason for your answer in (a) above.

c) Mention the method of heat transfer demonstrated above.

d) Give one way in which the method of heat transfer above is useful in everyday life.

54. a) Apart from proper disposal of human faeces, give any other way of maintaining proper sanitation

b) Give any two advantages of proper sanitation.

(i) _____

(ii) _____

c) State any one local material applied on latrines to keep them clean.

55. You have been given the following items to obtain local salt for cooking.

(i) Water

(ii) Container with holes at the bottom

(iii) Local sponge piece

(iv) Ash from banana peelings

(v) Collecting container

Write four steps you follow using the above items to obtain local salt.

(i) _____

(ii) _____

(iii) _____

(iv) _____

END