

CORNERSTONE JUNIOR SCHOOL

P.7 PRE- MOCK EXAMINATIONS SET ONE

SCIENCE TERM II 2022

Time : 2:15minutes

Candidate's name :.....Stream.....

Index No.....

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO
Read the following instructions carefully.

SECTION	MARKS
A	
B	
T	

1. The paper has two sections: A and B.
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. Diagrams should be drawn in pencil.
4. No calculators are allowed in the examination room.
5. Unnecessary changes of work may lead to loss of marks.
6. Any handwriting that cannot be easily read may lead to loss of marks

SECTION A (40 MARKS)

1. Mention any one example of a wild bird.

2. Which part of a fish has similar function as stomata on a plant?

3. Give the function of valves in the human heart.

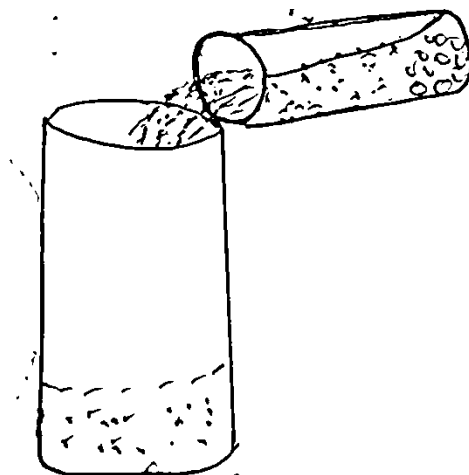
4. In which way is a smoker important to a person harvesting honey?

5. How is early sex dangerous to children at school?

6. Write one way mosquitoes can be controlled without using chemicals.

7. Name one annual crop which is a cereal.

The diagram below shows a method of making water clean. Use it to answer question 8



8. Name the method of making water clean shown above.

9. How does mulching control soil erosion?

10. State one way in which a farmer can promote easy mating in sheep.

11. Which type of bee is formed by feeding a grub on royal jelly in its life time?

12. State the importance of using dry wood put on the handle of an iron box.

13. How do insects with mandibles feed?

14. Which structure enables the trachea to open all the time?
-
15. State any one way the use of biogas conserves trees in the environment.
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The diagram below shows a plant. Use it to answer questions 16 and 17.



16. Identify the plant drawn above.
-
17. How is the above plant adapted to growing in very dry places?
-
18. Give one way bacteria are useful in septic tanks.
-
19. Name the energy change that takes place in a dry cell when the circuit is complete.
-
20. Why is it not good to induce vomiting when one has taken poisons like paraffin?
-
21. How can a dairy farmer identify cows with mastitis infection during milking?
-
22. Name one milk breed of goat kept in Uganda.
-
23. Why is it necessary to prepare land before the process of planting crops?
-
24. How do plants use oxygen gas during germination process?
-
25. Name the body organ that enables human beings to watch a football match on a television.
-
26. Why are filarial worms dangerous to people?
-

27. Name the immunisable disease that causes paralysis of the limbs.
-
-
28. Write down one way in which a magnet is important to a health worker.
-
-
29. Which method of heat transfer helps us in ironing our clothes?
-
-
30. Why are children advised to participate in P.E activities?
-
-
31. What name is given to a male rabbit?
-
-
32. Mention one way poultry farmers control egg eating in a poultry farm.
-
-
33. In which state of matter is porridge?
-
-
34. How does drought lead to lack of food in the environment?
-
-
35. Apart from using pesticides, how else can a farmer control pests in a maize garden?
-
-
36. Give one way a short circuit can be prevented in a house.
-
-
37. State one way the skeletal system is important to the circulatory system.
-
-
38. How does refrigeration preserve milk?
-
-
39. Primary Five pupils of Poyem P/S immersed a stone of mass 500g into water and it displaced 25cm^3 of water in the measuring cylinder. Calculate the density of the stone.
-
-
40. Give a reason why biceps and triceps are called antagonist muscles.
-
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SECTION B (60 MARKS)

41. a) The following are components of an electric circuit

battery,	fuse,	switch,	bulb
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a) State the use of;

i) a fuse

ii) a switch

iii) battery

b) State the energy change that takes place in a bulb when a circuit is complete.

42. -]Study the diagram below and answer questions that follow



a) Name the family planning methods shown above.

b) How does the above method prevent pregnancies?

c) Apart from the above method, give any one other permanent method of family planning.

d) State one advantage of family planning.

43. a) Mention any one crop that can be grown in wetlands.

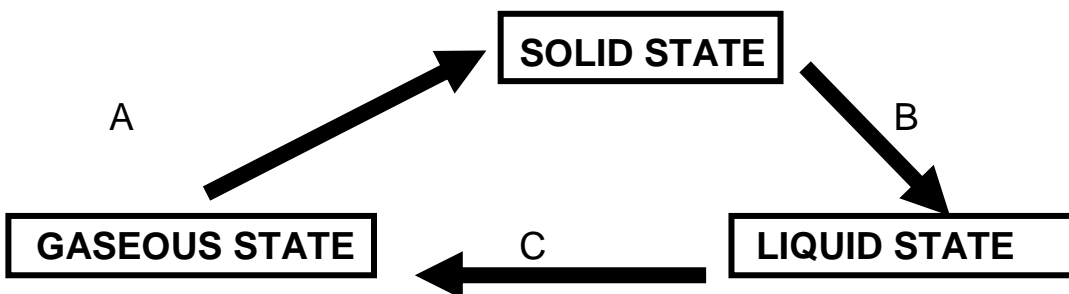
b) Apart from growing crops mentioned above, give two other ways people destroy wetlands.

i) _____

ii) _____

c) Write one danger of staying near wetlands.

44. The diagram below shows changes of states of matter. Use it to answer the questions.



- a) Name the physical processes marked.

A _____

B _____

- b) What happens to the following when water freezes

- i) Volume? _____
 ii) Mass? _____

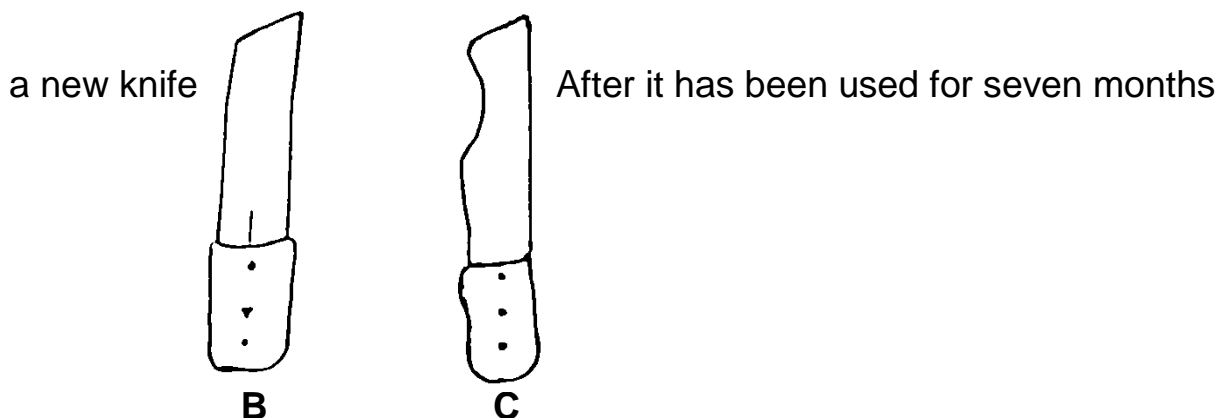
45. a) How is clinical thermometers important in our daily life?

- b) Mention one part of a human body a clinical thermometer is place to measure temperature.

- c) Why can't clinical thermometers be boiled as a way of sterilizing?

- c) Give a reason why alcohol is the best to measure lowest temperature.

46. Study the illustrations below and answer questions that follow correctly



a) Name the force that made the knife to appear as seen in diagram C.

b) Apart from the danger shown above in the diagram, give any two other disadvantages of the force mentioned in (a) above.

i) _____
ii) _____

c) Write one way greasing prevents the force mentioned above.

47. a) State any two types of manure.

i) _____
ii) _____

b) State one advantage of using artificial fertilizers over natural fertilizers.

c) Suggest one danger that can result from frequent use of artificial fertilizers.

48. **Study the animals below and match correctly**

Kangaroo	- Prickly hair
Cat	- Running away very fast
Porcupine	- Use of spines
Caterpillar	- Sharp claws

i. Kangaroo _____

ii. Cat _____

iii. Porcupine _____

iv. Caterpillar _____

49. a) Which type of change takes place when a snake moults?

b) Give two differences between physical and chemical changes.

i) _____

ii) _____

c) How do snakes benefit from moulting?

50. The diagram below shows a food chain. Use it to answer the questions that follow

Maize plant	Grasshoppers	Birds	Bacteria
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a) Which of the above components acts as;

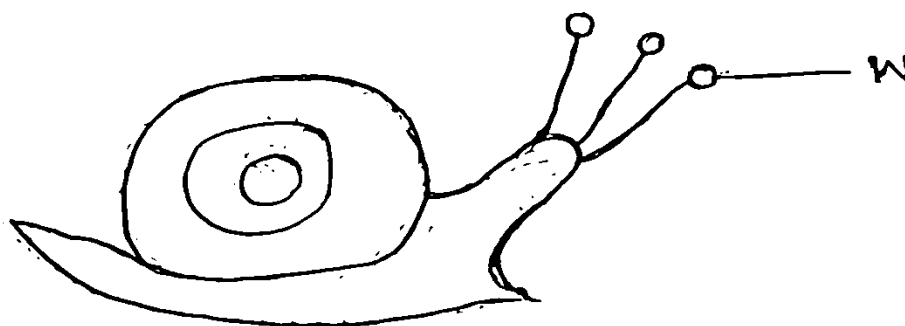
i) Primary consumer _____

ii) Decomposer _____

iii) Secondary consumer _____

iv) Producer _____

51. The diagram below shows an organism under invertebrate. Use it to answer questions about it.



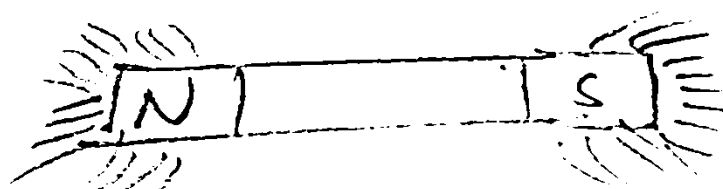
a) To which group of invertebrates is the above organism?

b) How is part marked W important to the organism shown above?

c) Mention any one other organism in the group mentioned (a) above apart from the one drawn above.

d) Write one danger of the organism drawn above to a human health.

52. The diagram below shows a property of magnets.



a) Identify the property of magnet shown in the diagram above.

b) State any two methods of making magnets.

i) _____

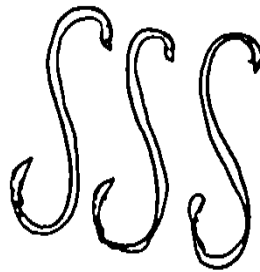
ii) _____

c) How can an electro magnet be made stronger?

53. **Study the intestinal worms below and answer questions that follow correctly**



P



Q

a) Identify the worms marked;

i) P _____

ii) Q _____

b) How does worm marked P enter the body?

c) State any one way of preventing worm marked Q.

54. a) List any two examples of scavenger birds.

i) _____

ii) _____

b) How are scavenger birds important in the environment?

c) Apart from scavenger birds, give any one group of birds.

55. The diagram below shows types of teeth. Use it to answer the questions that follow



A



B

a) Name the type of tooth shown in the diagram above.

i) A _____

ii) B _____

b) Give the use of the above type of teeth in man.

i) A _____

ii) B _____

END