



PROSPER EDUCATIONAL CONCERN
TERM III ASSESSMENT 2024
PRIMARY SEVEN
INTEGRATED SCIENCE

Time allowed 2 hours 15 minutes

INDEX NO:

EMIS				Personal No.			

Candidate's Name:.....

Candidate's Signature:.....

Candidate's School:.....

District Name:.....

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper has two sections A&B
Section A has 40 short Questions (40 marks)
Section B has 15 Questions (60 marks)
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 fountain pen.
Diagrams should be drawn in pencil.
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 any thing in the boxes shown "for Examiners' use only" and those inside the Question paper.

For Examiners' Use Only

PAGES	Marks	SIGN
Page - 1		
Page - 2		
Page - 3		
Page - 4		
Page - 5		
Page - 6		
Page - 7		
TOTAL		



ORGANISED BY PROSPER EDUCATIONAL CONCERN (KAMPALA).
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SECTION A

1. Which main body part of an insect has the breathing organs?

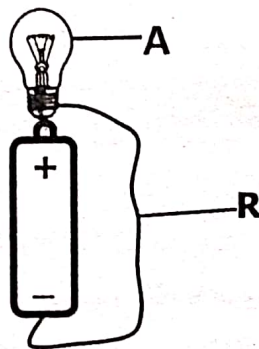
2. Name the blood vessel which takes blood to the kidney.

3. Name the form of energy stored in a dry cell.

4. How does a drum produce sound?

5. How do conifers differ from other non-flowering plants?

The diagram below is of a simple circuit. Use it to answer questions 6 and 7.



6. Draw an arrow on line **R** to show the direction of the flow of electricity.

7. Apart from light, which other form of energy is produced by part marked **A**?

8. Name **one** drug that is commonly abused in Uganda.

9. How are measles vaccines administered to babies?

10. Which deficiency disease is caused by lack of enough iodine in the body?

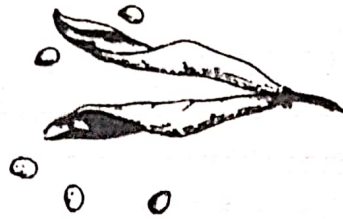
11. What force in water enables some objects to float?

12. Give a reason why cattle keepers need to carry out drenching on their cattle.

13. Why do red objects appear red on the eyes of the viewer?

14. What are **arthropods**?

15. Identify the method of seed dispersal shown below.



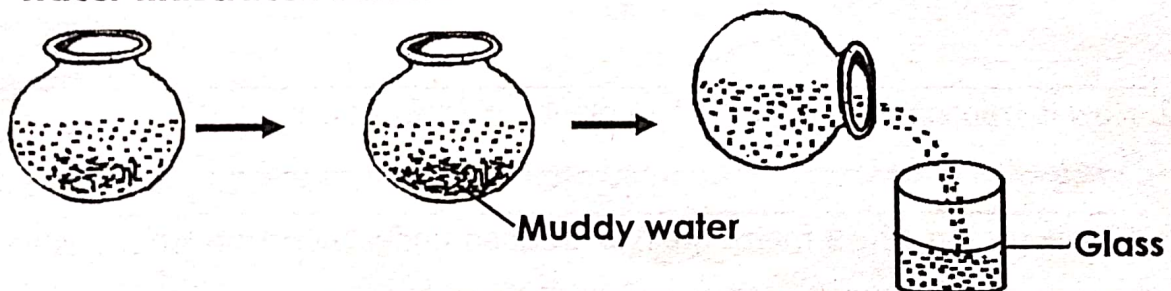
16. State the importance of keeping our bodies clean.

17. Give **one** reason why it is important to fence a community well.

18. How does prolonged breastfeeding help in family planning?

19. State the meaning of "**lopping**" as used in tree growing.

20. What do we call the method of obtaining clean water from muddy water illustrated below?



21. Give **one** reason why the clean water obtained by the method in (no.20) above is not safe for drinking.

22. How can you tell that a person has taken poison?

23. Assuming there is an outbreak of cholera in a community, give **one** way how P.7 pupils can help to control its spreading.

24. Give any **one** device where three pin plugs are used.

25. What do you understand by the term **electricity**?

26. Why is humus a very important component of soil?

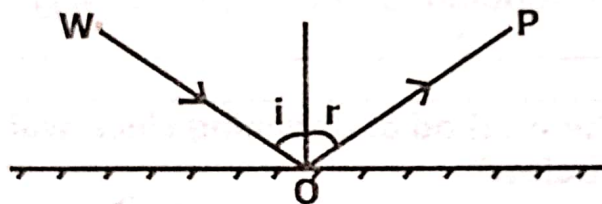
27. Outline **one** cause of dehydration to babies.

28. By what process does water change to ice?

29. Write **H.I.V** in full.

30. Besides using a child health card, how else can you identify a child who was immunized against tuberculosis?

31. Name the light ray labelled **OP**.



32. How is transpiration important to plants apart from cooling it?

33. Give a reason why a maize grain is grouped under monocotyledonous seeds?

34. Which state of matter does sound travel fastest?

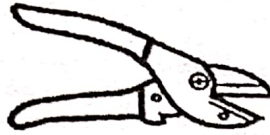
35. Name **one** secondary sex characteristic change that is common to both adolescent boys and girls.

36. Why is a blanket able to keep a person warm at night?

37. Mention **one** factor that leads to food poisoning.

38. What happens when light rays meet a transparent material?

39. Mention the activity farmers carry out using the tool below.



40. Name the only flying mammal in the environment.

SECTION B:

41. a) What is meant by the term **magnetism**?

b) Under what condition may a magnet lose its magnetism?

c) Mention any **two** methods of magnetization.

i).

ii).

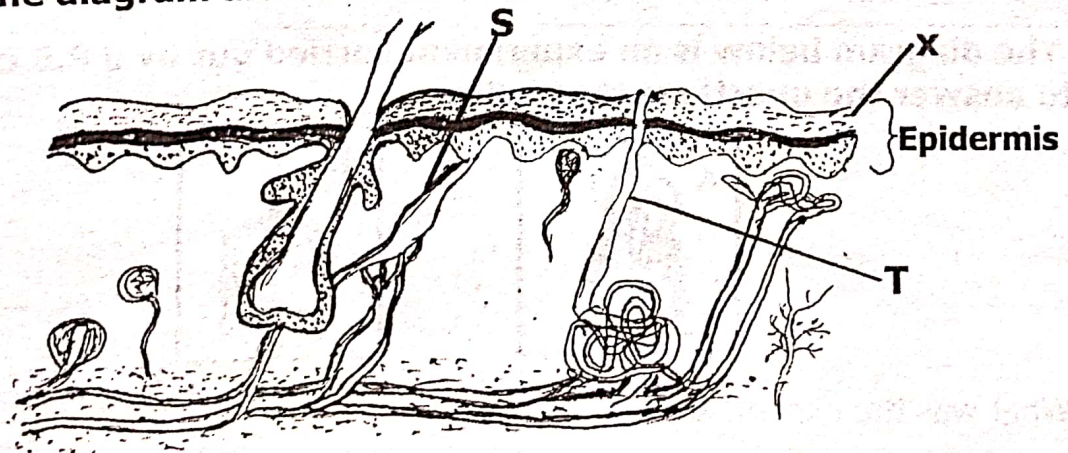
42. a) How do we call the first help given to a casualty?

b) When can splints be used for giving first aid?

c) Mention the main reason why first aid is given to accident victims?

d) Identify any **one** quality of a good first aider.

43. Use the diagram drawn below to answer the questions that follow.



a) Name the part marked **S**.

b) State the function of part marked **T**.

c) Which layer of the epidermis contains melanin?

d) Give any **one** fungal disease which affects the skin.

44. a) What are **water borne diseases**?

b) Give any **two** examples of water borne diseases.

i).

ii).

c) Identify any **one** way of controlling water borne diseases.

45. a) How is sugarcane propagated?

b) Give **two** examples of stem tubers.

i).

ii).

c) Point out **one** way of preventing pests from destroying stem tuber crops.

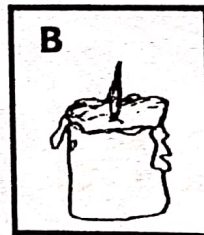
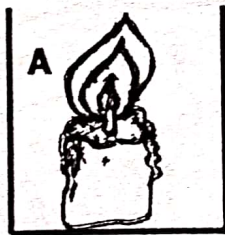
46. a) State any **one** group of organisms that can contaminate food.

b) Give any **one** modern method of preserving food.

c) State any **one** example of food stuffs preserved by smoking.

d) Give **one** reason people give to preserve by smoking.

47. The diagram below is an experiment carried out by a P.5 child. Use it to answer the questions that follow.



a) What was the experiment about?

b) Why did the candle continue burning for a short time in **A**?

c) Give the reason why the candle stopped burning in **B**.

d) Name the gas which is given off during burning.

48. a) Which term refers to the practice of covering top soil using dry plant materials?

- b) Give **two** reasons why farmers carry out the practice in (a) above on their farms.
- i). _____
- ii). _____
- c) Mention any **one** disadvantage of the above practice.

49. a) What is **drug prescription**?

- b) Write any **two** pieces of information written on drug containers.
- i). _____
- ii). _____
- c) Why is drug prescription important to a patient?

50. The table below shows a list of animals as grouped according the different characteristics. Use it to answer the questions that follow.

W	X	Y
Monkey	Lizards	Toads

- a) To which group of vertebrates do lizards in group **X** belong?
- b) How is the reproduction in animals in group **W** different from that in group **Y**?
- c) List down any **two** other organisms which belong to those in group **X**.
- i). _____
- ii). _____
51. a) Identify any **two** ways people have caused environmental degradation in our communities.

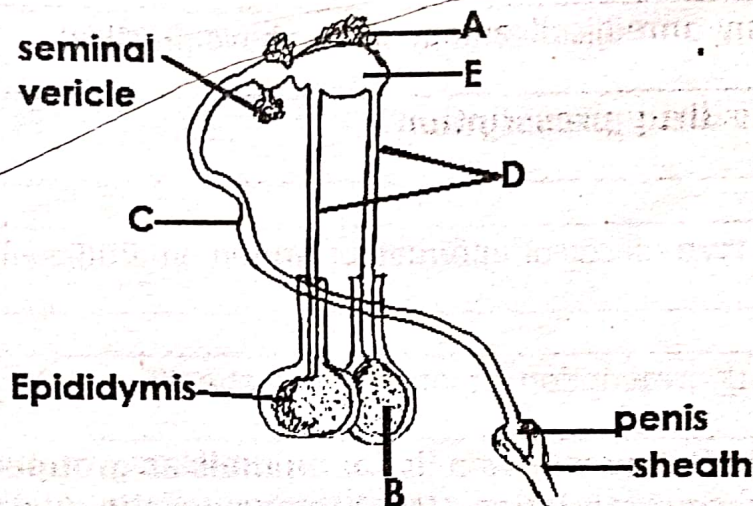
- i). _____
- ii). _____
- b) State any **two** ways drought is dangerous to the environment.
- i). _____
- ii). _____

52. a) Give any **two** activities commonly done by mothers to keep young babies clean.

- i). _____
- ii). _____
- b) Mention any **one** danger of keeping babies in a dirty environment.

- c) Write down any **one** disease that affects young babies due to dirtiness of their mouth.

53. Study the diagram of the reproductive system of a bull drawn below and answer the questions that follow.



- a) Name the parts marked **A** and **C**.

i). **A** _____

ii). **C** _____

- b) State the function of the part marked **B**.

- c) Why is the Epididymis coiled?

54. a) Identify the blood vessel that supplies the liver with the following:

i). **Digested food** _____

ii). **Oxygenated blood** _____

- b) Why is the liver called a storage organ?

- c) Mention any **one** condition that can lead to liver problems/diseases.

55. a) What is **friction**?

- b) Give any **one** use of friction in our daily lives.

- c) In which **one** way can friction be a nuisance force to a bicycle rider?

- d) Of what importance are rough surfaces in palms of hands?

****GOOD LUCK****