



**PROSPER EDUCATIONAL CONCERN
MOCK ASSESSMENT 2024
PRIMARY SEVEN
INTEGRATED SCIENCE**

INDEX NO:

Time allowed 2 hours 15 minutes

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. Give the type of soil which has rough and large particles.

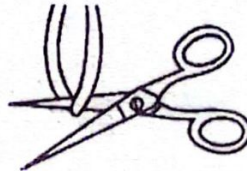
2. How do bacteria reproduce?

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

4. What is an **alloy**?

5. Identify the best approach school going children can practice to safeguard themselves against acquiring **HIV/AIDS**.

6. **Under which class of lever does the diagram drawn belong?**



7. Use an arrow and letter **X** to show the position of the Effort?

8. Mention any **one** example of a crop which is a stem tuber.

9. How is smoke released from industries dangerous to the environment?

10. Why is water called a **universal solvent**?

11. Explain what would happen on a hot day if gaps were not left between railway lines.

12. What is the importance of steaming up dairy cattle?

13. Why are crawling babies likely to suffer from intestinal worms?

14. State **one** way how the preserving of mushrooms and fish can be similar.

The diagram below is the human digestive system. Use it to answer question 15.



15. Name the class of food acted upon by the juice produced by part marked with letter Y.

16. Why is a **VIP latrine** left uncovered?

17. What special name is given to the muscles of the heart?

18. Identify any **one** secondary characteristic of an adult boy.

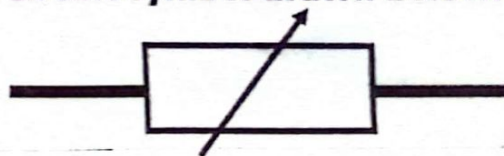
19. What name is given to the milk given to a one day old calf?

20. Identify the role played by water during the process of germination.

21. Why is tetanus called "**Lock Jaw**" disease?

22. Why does lightning always strike tall objects in an area?

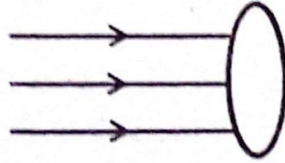
23. Identify the electric circuit symbol drawn below.



24. Which type of crops are farmers encouraged to involve in crop rotation to maintain soil fertility?

25. Explain the difference between **heat** and **temperature**.

26. Complete the illustration to show the effect of parallel rays of light to the convex lens.



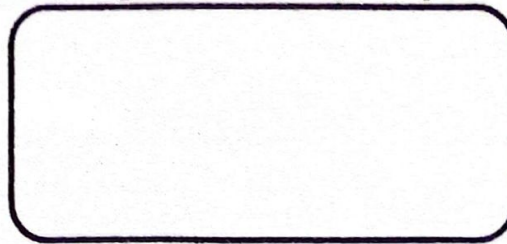
27. Identify the method used to harvest trees for making electric poles.

28. Why is a knife classified as a **wedge**?

29. How can a P.1 pupil help a friend who has fallen into a pit latrine?

30. Give **one** reason why mercury is commonly used in a clinical thermometer.

31. Draw a foot of a swimming bird in the space provided below.

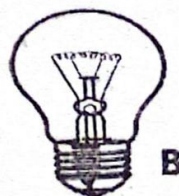
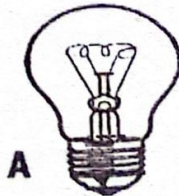


32. State any **one** way how rain is useful to a cattle farmer.

33. What is **magnetism**?

34. Mention any **one** example of pollutants.

The diagrams below show electric bulbs. Use them to answer questions 35 and 36.



35. Which of the bulbs above will produce brighter light?

36. Give a reason for your answer in (35) above.

37. If you were a teacher at a health parade, write down any **one** part of the body you would examine for cleanliness.

38. What are **cartilages**?

39. State any **one** condition that enables flowering plants to carry out photosynthesis.

40. Give any **one** example of allergic reaction.

SECTION B

41. a) What are **non-renewable resources**?

b) Give **one** example of non-renewable resource.

c) Mention the main reason why conservation of natural resources is very important.

d) Write down **one** example of renewable resource.

42. a) Why are clean water, milk, fruit juice and tea recommended?

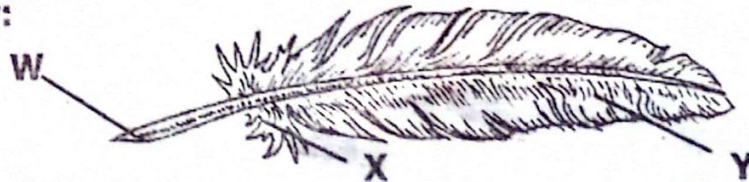
b) Identify any **two** symptoms of a starved child.

i).

ii).

c) What type of food do you recommend for an elder that has lost all premolar and molar teeth?

43. Study the bird feather drawn below and use it to answer the questions that follow:



a) Name the parts marked **W** and **X**.

i). **X**

ii). **W**

b) Give **one** use of feathers to man.

c) Why do birds have **streamlined** bodies?

44. a) Write **AIDS** in full.

b) Mention any **two** ways through which **AIDS** is spread.

i). _____

ii). _____

c) What is the best way for a P.7 child to avoid contracting AIDS?

45. a) State how chlorine makes water safe for drinking.

b) Give **one** other method of making water safe for drinking apart from chlorination.

c) Why is it not advisable to take distilled water?

d) Mention any **two** importance of water.

i) _____

ii) _____

46. a) Give **one** advantage of modern beehive.

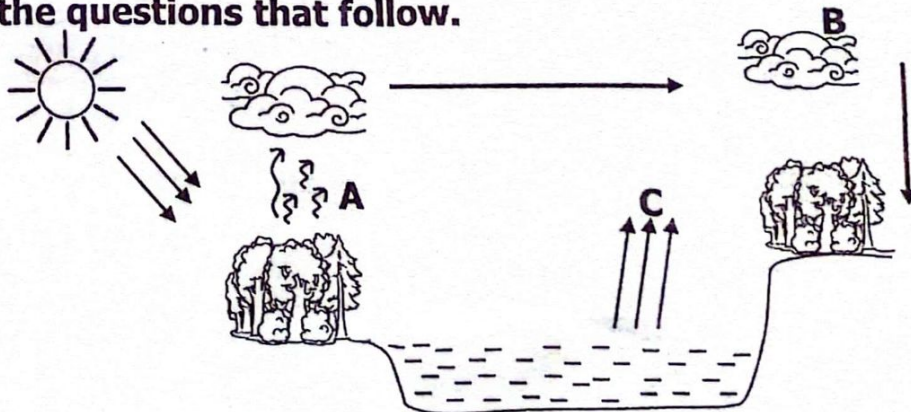
b) Write down any **two** things beekeepers should consider before setting up beehives.

i). _____

ii). _____

c) Give any **one** product of bee wax.

47. The diagram below shows the water cycle. Study and use it to answer the questions that follow.



a) Name the type of clouds represented by letter **B**.

b) State the process taking place at **A** and **C**.

i) **A** _____

ii) **C** _____

c) What is the importance of the sun in the above diagram?

48. a) Mention **two** types of smoking.

b) Give any **one** effect of smoking to the health of a pregnant woman.

c) Name the dangerous substance found in tobacco.

49. Opio weighs **50kgF** and seated at a distance of **Y** meters from the pivot of a seesaw. Okello on the other side is seated at a distance of **5m** from the pivot, and weighs **30kgF**. If the lever balances,

a) **Draw a sketch to show the position of Opio and Okello.**

b) Find Opio's distance from Okello.

50. a) Explain the term **fever**.

b) Suggest the first aid for fever.

c) Why is it not advisable to use cold water when administering first aid for fever?

d) Write down any **one** disease which results into fever.

51. a) Mention any **two** examples of physical changes.

i). _____

ii). _____

b) State any **two** characteristics of physical changes.

i). _____

ii). _____

52. a) What is **water pollution**?

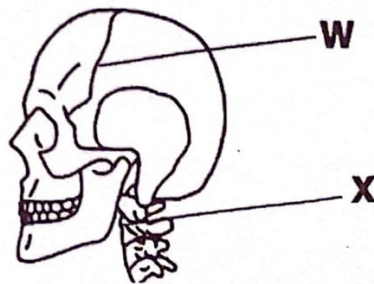
b) Write down any **one** example of water impurities.

c) State any **two** ways of controlling water contaminations.

i). _____

ii). _____

53. **Study the diagram of the human skull below to answer the questions that follow.**



a) Name the immovable joint at **W**.

b) Give any **two** organs protected by the above part of the skeleton.

i). _____

ii). _____

c) How is the joint marked by letter **W** different from the joint at **X**?

54. a) List down any **two** things you can do to promote personal hygiene.

i). _____

ii). _____

b) Give any **one** disease caused due to poor hygiene.

c) Identify any **one** way a P.7 candidate can promote personal hygiene.

55. a) Mention any **two** methods of preserving milk.

i). _____

ii). _____

c) State any **two** reasons for housing cattle.

i). _____

ii). _____

****SUCCESS****