

PROSPER EDUCATIONAL CONCERN TERM II 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 (40marks)

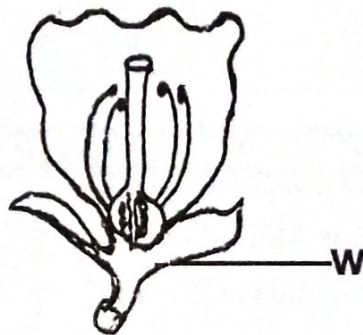
1. Name the disease which is spread by infected female anopheles mosquito.

2. In which way is a fuse similar to a switch in a simple electric circuit?

3. How do conifers differ from other non flowering plants?

4. State **one** example of leguminous crops.

The diagram below is a section of a flower. Study and use it to answer the questions 5 and 6.



5. Name the part marked with letter **W**.

6. Use letter **X** to show the part that produces male reproductive cell.

7. Write down any block of in a village food path.

8. Identify any **one** effect of heat on matter.

9. Which component of soil is used by plants to make their own food?

10. Which structures enable the trachea to remain open all the time?

11. Name any **one** type of cattle kept in Uganda.

12. Apart from taking wrong dose, state **one** other way in which drugs are misused.

13. Why is soil grouped under renewable resources?

14. Name: the fungi which grows on the left over food?

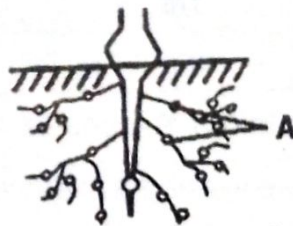
15. What is meant by the term **magnet**?

16. Why is it not advisable to breathe through the mouth?

17. Write **E.R.A** in full as related to electricity.

18. Point out any one insect that undergoes incomplete life cycle.

The diagram below shows a type of root system. Use it to answer the questions that follow.



19. Identify any **one** plant with the above type of root system

20. Give a reason why plants with the above root system are included in the crop rotation.

21. Where does conception take place in the female reproductive system?

22. How do we call the frame work of bones in the human body?

23. Name the energy change that takes place in a generator.

24. Write down any **one** characteristic of birds.

25. Why can't a toad breathe through the skin?

26. Give a reason why **AIDs** patients are advised to take **ARVs**.

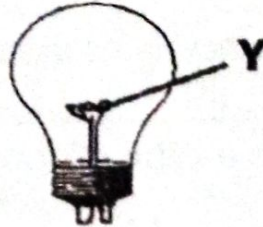
27. In which way does deforestation lead to soil erosion?

28. Briefly explain how a barometer is useful at a weather station.

29. State **one** way animals benefit from plants.

30. How can one recover salt that dissolved in water?

Use the diagram of a bulb below and answer the questions.



31. Why is part marked **Y** coiled?

32. Name the metal from which part marked **Y** is made from.

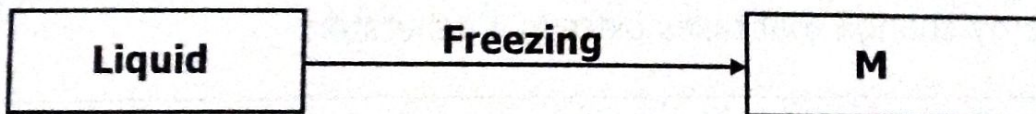
33. What is **primary health care**?

34. Give any **one** resource got from animals.

35. Why are bacterias in the biogas digester called anaerobes?

36. Identify the part of a worker bee used for protection.

Use the diagram below to answer the questions that follow



37. Identify the state of matter marked **M**.

38. Why do pigs usually seen rolling themselves in mud on hot days?

39. Why is diarrhoea regarded as a communicable disease?

40. How are smooth muscles similar to cardiac muscles?

SECTION B

41. a) Name the mineral salts lost by a dehydrated child?

b) Give any **two** signs of a dehydrated child.

i). _____
ii). _____

c) Write **two** ways of controlling dehydration in children.

i). _____
ii). _____

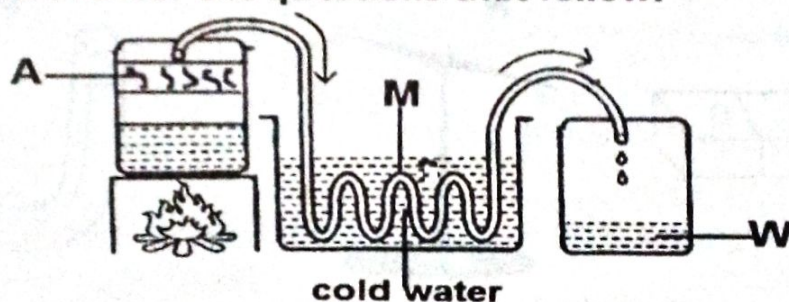
42. a) What is meant by the term **resources**?

b) State **two** ways how wind is a resource.

i). _____
ii). _____

c) How can non-renewable resources be conserved?

43. The diagram below shows one of the methods of preparing alcohol. Study it and answer the questions that follow.



a) Name the method of production of alcohol shown in the diagram above

b) Identify the physical process taking place in part **A**.

c) Why is the part marked **M** passed in cold water?

d) State **one** danger of alcohol to the community.

44. a) Weathering is a chemical or mechanical breakdown of rocks.
Give **two** factors that cause weathering to take place.

i). _____
ii). _____

b) Name the type of soil which has the lowest capillarity.

c) Suggest any **one** importance of soil in the environment.

45. How is a scavenger different from a predator?

b) Name **one** invertebrate that feeds parasitically.

c) Give **one** example of each of the following.

i). **Scavenger mammals**

ii). **Scavenger birds**

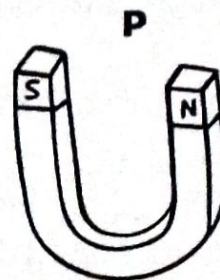
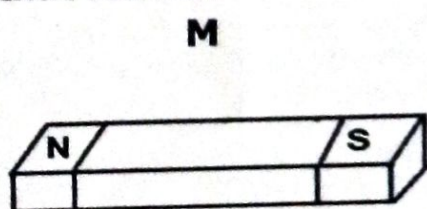
46. a) Write **ORS** in full.

b) Mention **one** solute used in making **ORS**.

c) Why is it important to wash hands before preparing ORS locally?

d) How is **ORS** useful to a person suffering from diarrhoea?

47. **Study the diagrams drawn below and use them to answer the questions that follow.**



a) Name the piece of magnet marked.

i). **M**

ii). **P**

b) Mention any **one** property of a magnet.

c) Suggest **one** way how the magnet marked **N** can be of value to a pilot.

48. Apart from warmth, state **two** other conditions needed for a seed to germinate.

i).

ii).

b) What is the use of air in the soil during germination?

c) Mention **one** component of the environment that supports seed germination.

49. At what stage do maize plants develop prop roots?

b) How are prop roots important to the maize plants during the stage named in 49 a) above?

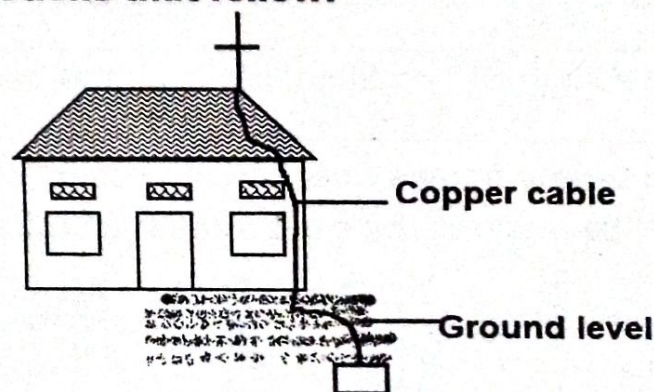
c) Give any **two** reasons why prop roots are able to carry out the importance in (b) above.

i). _____

ii). _____

d) State the function of the copper cable on the structure above?

50. The diagram below shows a structure put on top of buildings. Study and use it to answer the questions that follow.



a) Name the form of electricity that the structure above protects the building against.

b) How does the structure protect the building against the danger of the form of electricity named in (a) above?

c) State the function of the copper cable on the structure above.

d) Identify any **one** danger of building a house without installing the structure above on it.

51. a) What is **ECOSAN** in full?

b) Give any **one** advantage of ECOSAN latrine of VIP latrine.

c) How far should a pit latrine be from

i). **a source of water?** _____

ii). **a living house?** _____

52. A school health committee organized an assembly to check children's health at school. a) What name is given to such an assembly?

b) Identify any **two** activities carried out in that assembly.

i). _____

ii). _____

c) Which element of PHC is promoted by such an assembly in schools?

53. a) What causes marasmus in children?

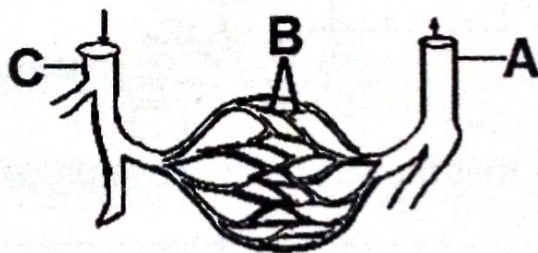
b) Identify any **two** indicators of Marasmus in children

i). _____

ii). _____

c) Name any **one** source of food that helps to control Marasmus.

54. The diagram below shows how blood vessels are connected in the body tissues. Use it to answer the questions that follow about it.



a) Name the blood vessels marked

i). **B** _____

ii). **C** _____

b) State the function of blood vessel marked **A**.

c) Apart from dropping carbon dioxide, what other activity is connected to blood circulation which occurs in the lungs?

55. a) Name **two** types of bones that make up the suture joints.

i). _____

ii). _____

b) Where in the skull are eyes found?

c) Give any **one** condition that may make joints fail to function properly.

END