



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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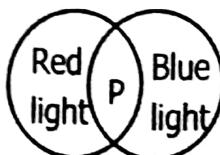
SECTION A

1. What are flowering plants?

2. Name the component of blood that defends the body against disease causing germs.

3. How are lizards that live in our houses useful to us?

The diagram below shows the mixing of two coloured lights. Use it to answer question 4.



4. Which coloured light will be produced at P?

5. Which method of cleaning water involves the use of a clean piece of cloth?

6. Give the use of the sun as an energy resource.

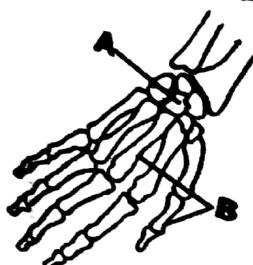
7. State the reason why sound cannot pass through a vacuum.

8. Write DPT in full as used in immunization.

9. Why is it important for a community to use latrines properly?

10. Give one advantage of insulating electric wires.

Study the diagram drawn below carefully and answer the questions that follow.



11. Name the short bone marked with letter B.

12. How does deforestation lead to soil erosion in an area?

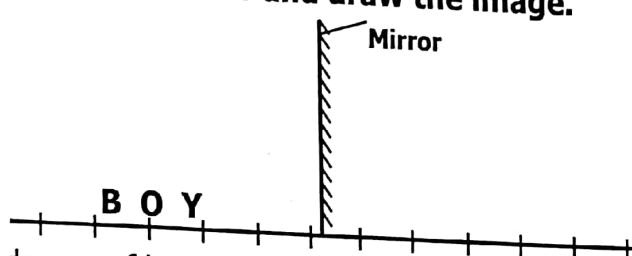
13. Give one similarity between a toad and a snake.

14. Avocado, apples, egg plants, passion fruits are types of foods. How are they useful to our bodies?

15. Calculate the density of a substance whose volume is 7CC and mass of 5.6kg.

16. Why are frequent pregnancies dangerous to young mothers?

17. Study the diagram below and draw the image.



18. Give **one** danger of bottle feeding.

19. Feather pecking is one of the vices in poultry keeping. What causes it?

20. What is **energy**?

21. How can a P6 child control **HIV/AIDS** infection?

22. Give a reason why the second stage in the life cycle of butterfly is a threat to sweet potato grower?

23. Mention **one** type of current electricity.

24. Name the electric circuit symbol drawn below.



25. Write down any **one** PIASCY message.

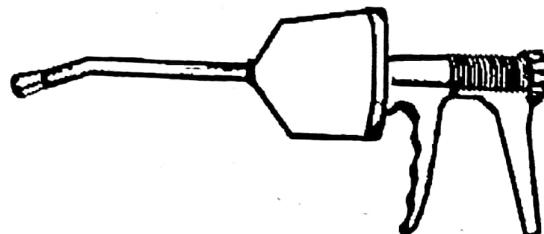
26. Mention any **one** advantage of castration.

27. Name the fluid that reduces friction between the lungs and ribs.

28. Which small projections help in absorption of food in the ileum?

29. Which part of a clinical thermometer prevents the back flow of mercury?

Use the diagram below to answer question 30.



30. State the function of the equipment above to the cattle farm.

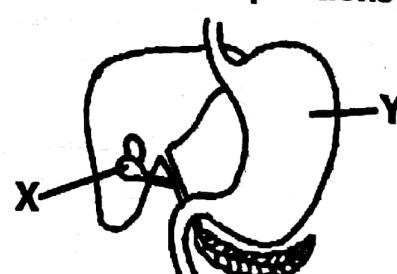
31. Which gas is increased around the leaf carrying out photosynthesis?

32. How does paddock grazing system control over grazing?

33. Where on a bar magnet is the force of attraction said to be strongest?

34. Name any **one** non-renewable resource in our environment.

Study the diagram below and answer questions about it.



35. Name the part marked **X** above.

36. Identify the digestive juice produced by part marked with letter **Y** above.

37. Apart from getting food, how else can pupils benefit from a school garden?

38. Why does an earthworm die soon after oil has been poured on its body?

39. How is too much rain dangerous to a crop farmer?

40. What form of energy is stored in the dry cell?

SECTION B:

41. a) Identify the condition caused by severe vomiting and excessive diarrhoea.

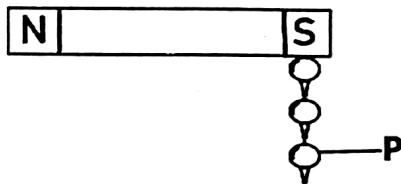
b) Mention any **two** signs of the condition mentioned in (a) above.

i). _____

ii). _____

c) Why do people with the condition identified in 41(a) above get energy after taking **ORS**?

42. Study the diagram about magnetism below and answer the questions that follow.



a) What is **magnetism**?

b) How are the pins magnetized in the above diagram?

c) What pole is expected to be at point P?

d) Identify any **one** example of a natural magnet.

43. a) Name **two** dangerous substances found in tobacco smoke.

i). _____

ii). _____

b) Give **two** health effects of smoking tobacco for a long time.

i). _____

ii). _____

44. a) Name any **two** systems of keeping poultry.

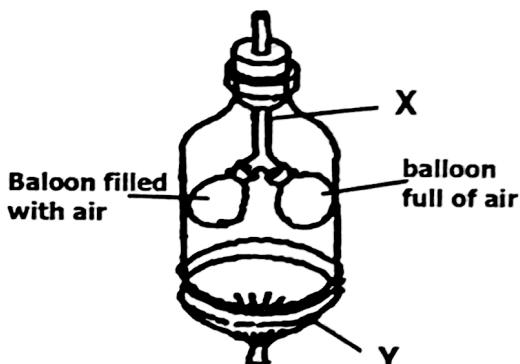
i). _____

ii). _____

b) How is litter useful in a poultry house?

c) Why are small stones useful in the gizzard of a bird?

45. When primary six pupils were studying about the respiratory system, their science teacher drew the diagram as shown below. Use it to answer questions about it.



a) What do parts labeled X and Y represent in man?

i). Part X _____

ii). Part Y _____

b) Why is part X made of rings of cartilage?

c) Identify any one disease which attacks such a system.

46. Below is a table showing an excretory organ and products. Fill in the missing information.

Excretory organ	Excretory products
Liver	i) _____
ii) _____	Salts and lactic acid.
Lungs	iii) _____
iv) _____	Urea and Uric acid.

47. a) In one sentence, state the meaning of the term **tropism** as used in plant life.

b) How are the following plant responses useful in plant life?

i). **thigmotropism** _____

ii). **hydrotropism** _____

c) Apart from the above responses, name any one other example of a plant response to stimuli.

48. Below are different processes of rain formation, use them to answer questions that follow:

• Transpiration

• Condensation

• Evaporation

a) What type of change is rain formation?

b) How is **transpiration** similar to **evaporation**?

c) Which method of heat transfer enables the water body to receive heat from the sun?

d) What is the importance of condensation in rain formation?

49. A child suddenly removed a cover of kettle boiling water. One arm of the child was terribly injured by steam.

a) What kind of injury did the child get?

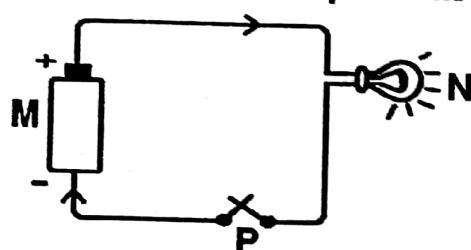
b) Give the appropriate first aid for the above injury.

c) Suggest **two** possible ways by which accidents of that kind can be avoided.

i).

ii).

50. Study the diagram below and answer the questions that follow.



a) Name the parts **M** and **P**.

i). **M** _____

ii). **P** _____

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

c) Which part changes electrical energy to heat energy to light energy?

51. a) Mention any **two** food stuffs **one** should eat to avoid getting kwashiorkor.

i).

ii).

b) Why would you encourage Moses Golola of Uganda heavy kick boxer to eat food stuffs like posho?

c) State **one** disadvantage of eating unbalanced diet to our health.

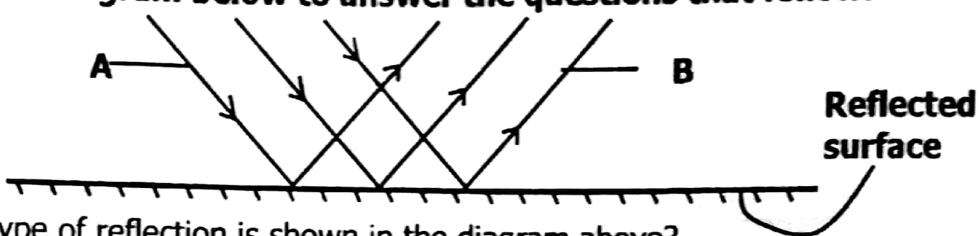
52. a) What is **breathing**?

b) Name any **one** type of breathing.

c) Mention **one** thing that happens to the air in the nose.

d) Why is it not good to breathe through the mouth?

53. Use the diagram below to answer the questions that follow.



a) What type of reflection is shown in the diagram above?

i).

ii).

b) Mention **one** object which reflects the light rays as shown above.

c) Name rays **A** and **B**.

i). **A**

ii). **B**

54. a) Give any **two** ways through which P7 candidates can avoid contracting **STDs**.

i).

ii).

b) Apart from having sexual intercourse with an infected person, give **two** other ways of contracting **HIV/AIDS**.

i).

ii).

55. a) Name the type of skeleton where the hard material is mainly on the outside of the body.

b) Give **two** examples of animals with the above type of skeleton.

i).

ii).

c) How do insects increase in size?

**The End **