

# PRIMARY SCHOOL'S EXAMINATION

## P.7 TERM II EXAMINATIONS (SET TWO) PRIMARY SEVEN SCIENCE INTERGRATED

Time Allowed: 2 hours 15 minutes

INDEX NO.

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Name:.....

School:.....

Stream:.....

DO NOT OPEN THIS BOOKLET UNTILL YOU ARE TOLD TO DO SO

Read the following instructions carefully:

1. This paper is made up of two sections: A and B
2. Section A, has 40 short-answer question (40marks)
3. Section B has 15 quesitions (60 marks)
4. Answer ALL quesitions , All answers to both section Aand B Must be written in the spaces provided.
5. All answers MUST be written using a blue or black ball point pen or ink. only the diagrams should be done in pencil
6. Unnecessary alteration of work may lead to loss of marks.
7. Any handwriting that cannot be easily read may lead to loss of marks.
8. Do not fill anything in the boxes indicated "for examiners use only"

FOR EXAMINERS USE ONLY		
QN. NO.	MARKS	SIGN
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 50		
51		
52		
53		
54		
55		
TOTAL		

Organised by: Nakitto Teacher's office , Tel: 0754 946 890/ 0777810 284

## SECTION A

1. Mention the organ responsible for sight.

2. What is soil aeration?

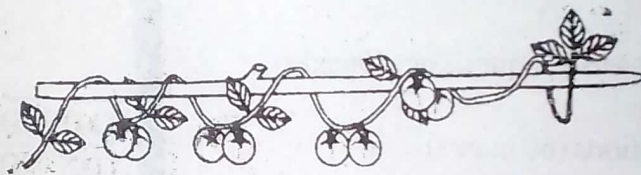
3. State any one sign of malnutrition in infants.

4. Write the accident caused due to wrong connection of electric wires.

5. Give one way of preventing anaemia among children.

6. Which skin disease affects both the skin and the nerves in humans?

**Use the method of plant training below to answer questions 7 and 8**



7. Which method of plant training is shown above?

8. State the advantage of the above crop growing practice to crops.

9. Why is oxygen not used in fire extinguishers?

10. Name one spore-bearing green plant.

11. State the difference between a dislocation and a fracture.

12. Which process in the lungs oxygenates blood?

13. Name the fungi used to make antibiotics.

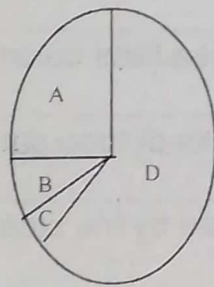
14. How can planting of flowers in a fruit garden promote the biological means control of fruit-pests?

15. Apart from Protoctista [Protists], give one other group of a single celled organism.



16. Which Primary sex characteristic in male adolescents helps in reproduction?  
\_\_\_\_\_
17. Why are spaces left between pieces of firewood before setting them on fire?  
\_\_\_\_\_
18. How do scavengers help to promote sanitation in the environment?  
\_\_\_\_\_
19. Mention the germ that causes trachoma.  
\_\_\_\_\_
20. How is the work of a fuse and a switch similar?  
\_\_\_\_\_
21. What is the importance of tetanus toxoid vaccines to teenage girls?  
\_\_\_\_\_

**Study the chart of components of air and use it to answer questions 22 and 23**



22. Name the component of air marked with letter D  
\_\_\_\_\_
23. State the natural process that uses gas marked with letter C  
\_\_\_\_\_
24. Which component in cigarettes causes lung cancer?  
\_\_\_\_\_
25. Give one example of a cereal crop.  
\_\_\_\_\_
26. How is docking different from shearing in sheep management?  
\_\_\_\_\_
27. Why does a person infected with tapeworms feel hungry all the time?  
\_\_\_\_\_
28. Write down any one method of conserving soil in hilly areas.  
\_\_\_\_\_
29. Why do we group a chisel under wedges?  
\_\_\_\_\_

30. Name the germ that causes dysentery.

31. State one difference between rain and rainfall.

32. Which part of a plant responds to geotropism?

33. How does heat travel through a vacuum?

34. Write down one factor that affects the speed of sound.

35. Name any one type of fence.

36. How do water and mineral salts travel in a plant stem?

37. Write any one example of exotic trees in Uganda.

38. To which group of invertebrates do sea lilies belong?

39. List any one example of natural blocks of food path.

40. How is the hydrochloric acid produced by the stomach walls important during digestion?

### SECTION B

41. a] What is a habitat?

[b] Name the natural habitat of the following animals.

[i] tadpole; \_\_\_\_\_ [ii] donkey; \_\_\_\_\_

[c] Name any one type of a hutch.

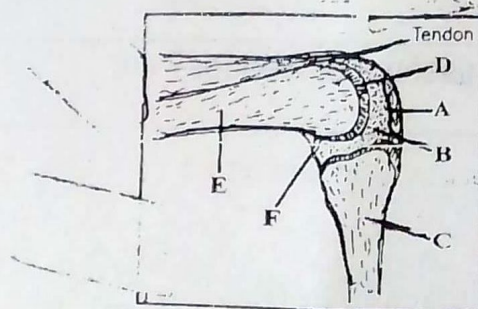
42. a] Name any two places a pedestrian can use to cross a busy road.

[i] \_\_\_\_\_ [ii] \_\_\_\_\_

[b] Write any two signs of body poisoning

[i] \_\_\_\_\_ [ii] \_\_\_\_\_

Use the diagram of part of the human skeletal system to answer questions that follow





43. [a] Identify the type of joint found at B.

[b] Name the bone marked C.

[c] What is the function of substance found in part marked B

[d] Name the vitamin synthesized by the skin the help of the sun to strengthen bones.

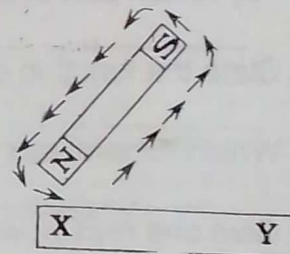
44. a] Besides preventing smell in our mouth, give any other reason why we brush teeth.

[b] Mention one disease that affects teeth.

[c] Write any one disorder of the teeth.

[d] What name is given to the first set of teeth?

The diagram below shows a method of magnetization. Study it and answer the questions that follow.



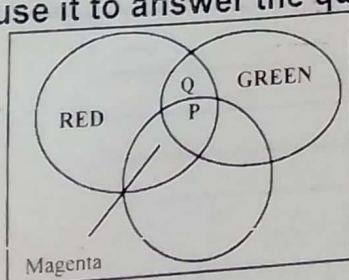
45. a] Identify the method of magnetization above.

[b] Name the magnetic pole marked Y.

[c] Give a reason to your answer in 45. [b] above.

[d] State any one way of making magnets lose magnetic strength.

The diagram below shows the Primary and Secondary colours. Study it and use it to answer the questions that follow.



46. [a] Name colours labeled P and Q

P \_\_\_\_\_

Q \_\_\_\_\_

[b] How can magenta colour be obtained?

[c] What usually leads to the formation of a rainbow in nature?

47. Give the meaning of the terms below as used in soil;

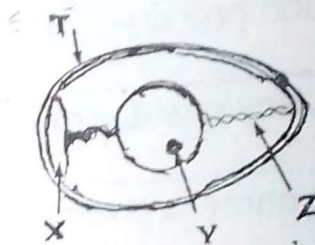
[i] Soil texture \_\_\_\_\_

[ii] Soil structure; \_\_\_\_\_

[iii] Soil profile; \_\_\_\_\_

[iv] Soil PH; \_\_\_\_\_

Study the cross-section through an egg and answer the questions that follow



48. a) Which part of an egg contains proteins and fats?

[b] State the function of part marked Z.

[c] Which mineral salt is responsible for making part marked T hard?

[d] Give one reason why an egg may not hatch after being incubated for 21 days.

49. Match the mineral salts below with their importance in the human body.

LIST A	LIST B
Calcium	To make haemoglobin
Iron	Strengthen teeth and bones
Fluorine	Protects tooth decay
Sodium chloride	Maintains proper fluid balance in the body

[i] Calcium \_\_\_\_\_

[ii] Iron \_\_\_\_\_

[iii] Fluorine \_\_\_\_\_

[iv] Sodium chloride \_\_\_\_\_



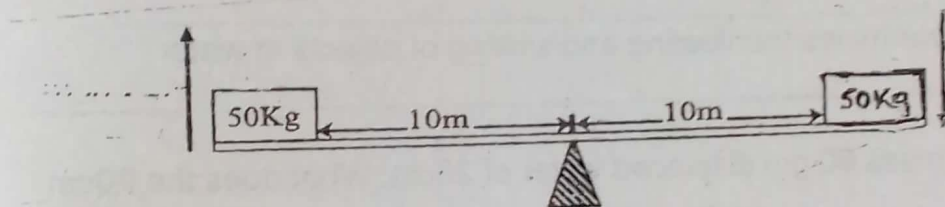
50. a) What is soaking?

[b] State one importance of soaking clothes.

[c] Which step of laundry helps to remove much of the water in clothes?

[d] Why is ironing of clothes before use important?

Study the diagram of the see-saw below and answer the questions that follow



51.a) What is enabling the see - saw to balance?

[b] Indicate on the diagram **E** for effort, **P** for pivot and **L** for load.  
1 mark each]

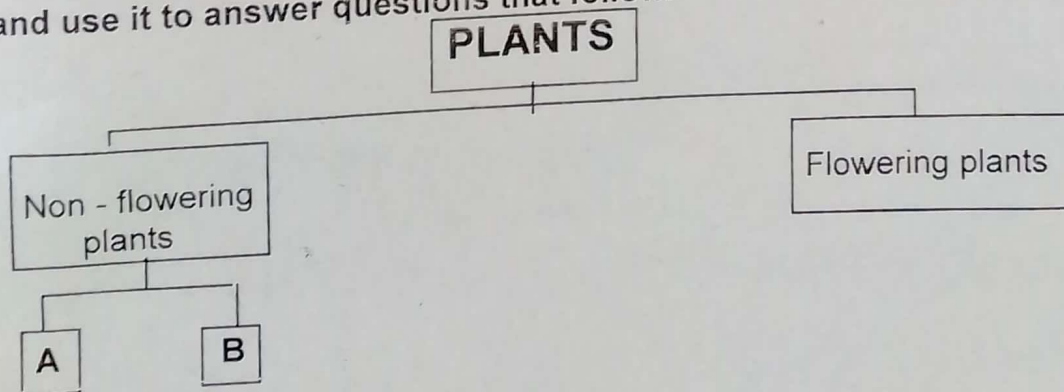
52, [a] Name any one type of latrine.

[b]. How far should a pit latrine be away from a water source?

[c] Give one advantage of a VIP latrine over an ordinary pit latrine.

[d] How do we care for our toilets at school?

Below is a diagram showing groups of non- flowering plants. Study it and use it to answer questions that follow.



53. a) Identify the group of non-flowering plants represented by A and B.

A \_\_\_\_\_

B \_\_\_\_\_

[b] What is vegetative propagation?

[c] How is the propagation of pineapple similar to that of sisal?

54. a) Give the difference between heat and temperature.

[b] By what process does heat travel through gases?

[c] Why is the sun regarded a Primary source of energy?

[d] By what process do sliced sweet potato pieces get to dry when put under sunshine

55. a) What determines the floating and sinking of objects in water

[b] A stone of mass 80 gm displaced water of 20cm<sup>3</sup>. What does the 20cm<sup>3</sup> represent?

[c] Work out the density of the above stone

[d] Name the force that pulls objects down to the earth

END