



THE PRIME EXAMINATIONS 2023

PRIMARY FIVE END OF TERM II INTEGRATED SCIENCE

Time allocated 2 hours 15 minutes



FOR
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WITH TESTS BY EXPERT TEACHERS

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READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This paper has two sections: A and B. Section A has 40 questions (40 Marks) and 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 ink. Any work written in pencil will not be marked.
4. Unnecessary changes in your work and handwriting that cannot be read easily may lead to loss of marks.
5. Do not fill anything in the table indicated
"FOR EXAMINERS' USE ONLY"

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QUESTION NUMBER	MARKS ATTAINED	INITIAL
1 - 10		
11 - 20		
21 - 30		
31 - 40		
41 - 43		
44 - 46		
47 - 49		
50 - 52		
53 - 55		
TOTAL		

APPROVED:

Consultant

Integrated Science Department (PEC)

PUBLISHERS OF:-

THE PRIME, SCHEMING FRAMEWORKS, PUPIL'S WORKBOOKS, LESSON COURSE BOOKS, HOLIDAY PACKAGES, LEARNING GAMES, REVISION BOOKS, PLE ANALYSIS REPORTS AND MANY MORE.

Turn Over

Section A (40 Marks)

1. Name one example of living things.

2. Mention the type of poultry that swims in water.

3. What happens to food when a housefly lands on it?

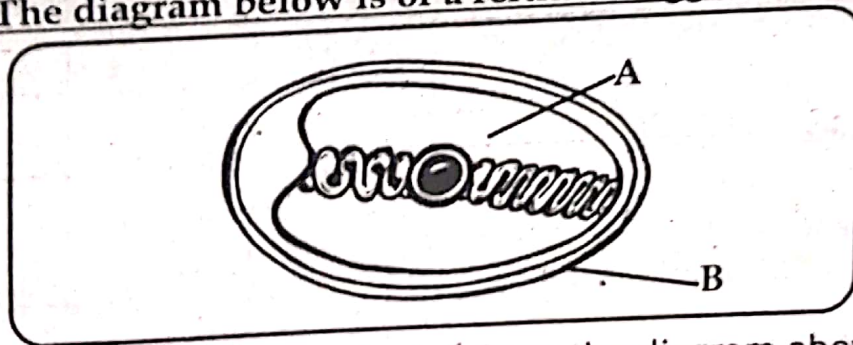
4. Give one problem which affects crop farmers in Uganda.

5. State the type of honey bees that stings their enemies.

6. Give a reason why a key sinks in water.

7. State any one activity that prevents bad smell in humans.

The diagram below is of a fertilised egg. Use it to answer questions 8 and 9.



8. Identify the part marked A from the diagram above.

9. Why is part marked B on the diagram above porous?

10. Give one use of food value got from beans.

11. How does tape worm infestation lead to malnutrition?

12. Why is it advisable to chew food properly before swallowing?

13. State one factor considered when selecting a site for keeping honey bees.

14. Mention any one characteristic that makes a white ant a social insect.

15. Write down the first step in making sugar salt solution at home.

16. Which type of teeth is missing in milk set?

17. Why is it dangerous to have long finger nails?

18. Name any one condition of weather.

19. In the space below, draw a sickle.



20. Give one quality of a good hutch.

21. Name the body organ affected by tuberculosis.

22. Why do poultry farmers hang green vegetables in a poultry house?

23. How is clean cotton useful in giving first aid?

24. How do pin worms enter our bodies?

25. Where does digestion of food end in the human body?

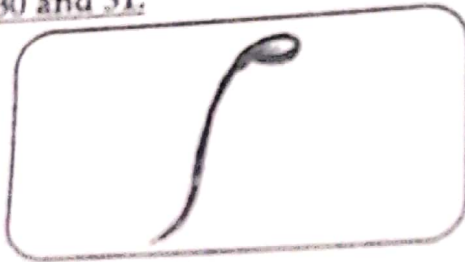
26. In which unit is weight measured?

27. Name any one non-living component of soil.

28. Why are tomatoes grouped under annual crops?

29. State one reason why the weight of an object changes from one place to place?

The diagram below is of a reproductive part of a flower, use it to answer questions 30 and 31.



30. Name the reproductive part of a flower shown above.

31. By the help of an arrow, use letter K to show the part that produces pollen grains.

32. State the use of oxygen during germination.

33. Name the disorder of the digestive system that leads to dehydration.

34. Name the type of soil used for making ceramics.

35. How is an incisor tooth adapted to its function of biting food?

36. Give one way of improving soil fertility.

37. By what process does food move through the walls of the alimentary canal?

38. How does mulching control soil erosion?

39. What happens to food in the mouth during digestion?

40. Give the main cause of malnutrition in infants.

Section B (60 Marks)

41. (a) *Apart from free range system*, give two other systems of rearing poultry.

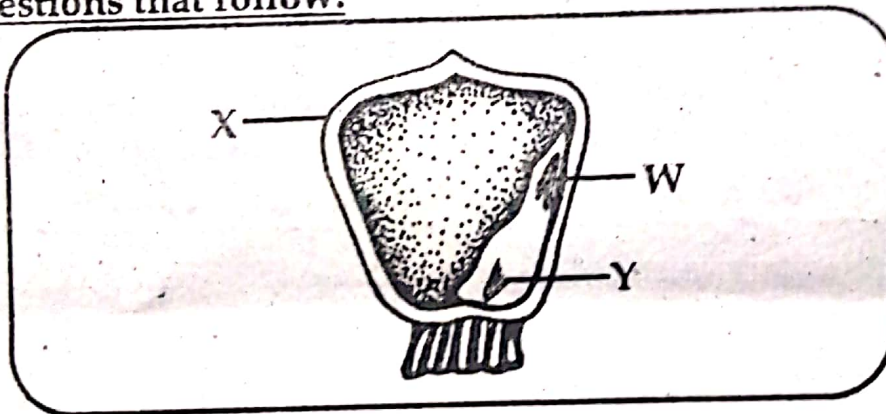
(i) _____

(ii) _____

(b) In which areas is free range system suitable?

(c) Name one product got from poultry.

42. The diagram below is of a monocotyledonous seed. Use it to answer the questions that follow.



(a) Name the parts marked;

(i) X _____

(ii) W _____

(b) State the importance of part Y during germination.

(c) Why is the above maize grain in the diagram regarded as a fruit but not a seed?

43. Give two functions of the following body organs.

(a) Brain

(i) _____

(ii) _____

(b) Human ear

(i) _____

44. (a) Why is top soil the best for growing crops?

(b) Apart from top soil, give any one layer of soil.

(c) Give two ways in which soil is formed.

(i) _____

(ii) _____

45. (a) Mention any two examples of sense organs.

(i) _____

(ii) _____

(b) Give two ways of caring for our body sense organs.

(i) _____

(ii) _____

46. The table below shows crop growing practices in part A and importance in part B. Match correctly.

<u>A</u>	<u>B</u>
(i) Mulching	prevents overcrowding of plants.
(ii) Staking	removes unwanted plants.
(iii) Thinning	prevents fruits from rotting.
(iv) Weeding	conserves soil moisture.
(i) Mulching	_____
(ii) Staking	_____
(iii) Thinning	_____
(iv) Weeding	_____

47. (a) Write ORS in full.

(b) Mention two solutes used in making ORS.

(i) _____

(ii) _____

(c) Why is it important to stir the mixture before giving it to a dehydrated person?

49. (a) How do bacteria reproduce?

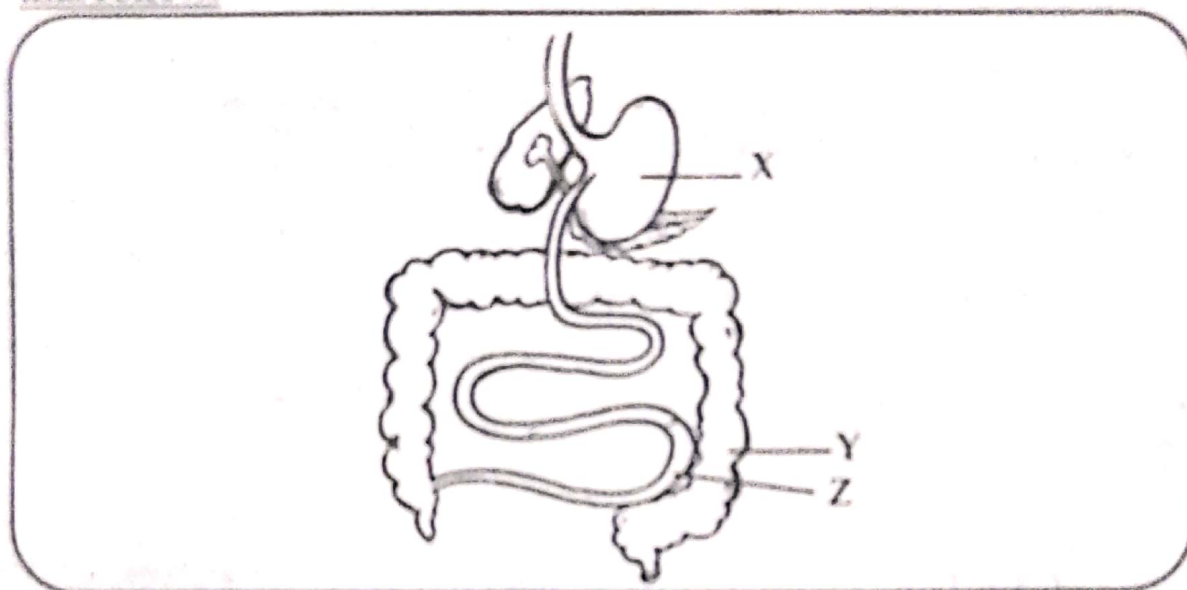
(b) Give two factors that favour the growth of bacteria.

(i) _____

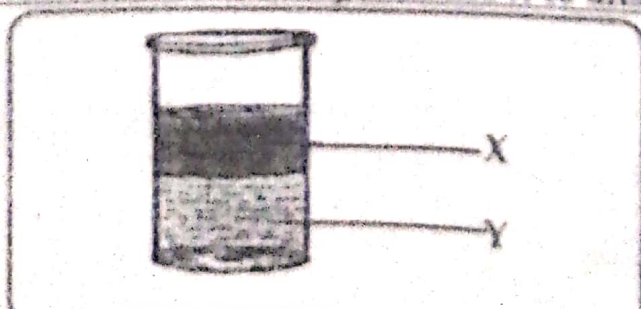
(ii) _____

(c) Name the bacterium that causes typhoid.

48. The diagram below is of digestive system. Use it to answer the questions that follow.



- (a) Name one enzyme found in part marked X.
- (b) Which process takes place in part marked Y from the diagram above?
- (c) Name the class of food which is first digested in part marked X.
- (d) Identify the body system to which the above diagram belongs.
50. (a) Which weather instrument measures;
- (i) humidity
- (ii) amount of rainfall
- (b) Which type of clouds give us rain?
- (c) Give one importance of rainfall.
51. AP.5 pupil accidentally poured water on the cooking oil as shown in the experiment below, study and use it to answer questions that follow.



(a) Name substance;

(i) X _____ (ii) Y _____

(b) Give a reason why substance X settle on top.

(c) Mention one example of a floating object.

52. (a) In which two ways can a P.5 child promote sanitation in a classroom.

(i) _____

(ii) _____

(b) Name two structures that are used in proper disposal of wastes.

(i) _____

(ii) _____

53. (a) Which type of honey bees are commonly found around flowering plants.

(b) State the use of a smoker to a bee keeper.

(c) Give two reasons why honey bees swarm.

(i) _____

(ii) _____

54. (a) Why is it advisable to brush our teeth after every meal?

(b) Give one danger of poor personal hygiene.

(c) Write down two body parasites that spread due to poor hygiene.

(i) _____ (ii) _____

55. The table below shows changes of state. Study it and complete it correctly.

Change of state	Meaning
(i) melting	
(ii) _____	
(iii) condensation	Is the changing of liquids to gases.
(iv) _____	
	Is the changing of liquids to solids.