



THE **PRIME EXAMINATIONS** 2022
PRIMARY FIVE MID TERM III
INTEGRATED SCIENCE (*Abridged Curriculum*)

Time allowed 2 hours 15 minutes



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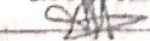
READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. Do not write your **school** or **district name** anywhere on this paper.
2. This paper has **two** sections: **A** and **B** Section **A** has **40** questions and section **B** has **15** questions.
3. Answer **all** questions. **All** answers to both sections **A** and **B** must be written in the spaces provided.
4. **All** answers **must** be written using a **blue** or **black** ball point pen or ink. Any work written in pencil other than graphs and diagrams will **not** be marked.
5. **Unnecessary changes** in your work and handwriting that cannot easily be read may lead to **loss of marks**.
6. Do **not** fill anything in the table indicated "**For Examiners' use only**", and those boxes inside the question paper.

FOR EXAMINERS' USE ONLY

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

APPROVED:


Consultant

Integrated Science Department (A)

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Section A (40 Marks)

1. Name one vector that spreads diarrhoea.

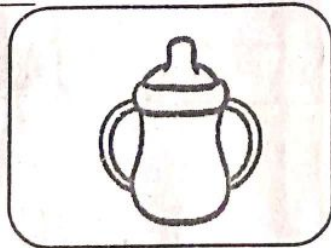
2. Which element of weather is measured using a thermometer?

3. How is the reproduction of yeast different from other fungi?

4. Give any one negative effect of natural changes to a crop farmer.

5. Mention any one mineral salt lost in the body during diarrhoea.

The diagram below is of an item used when feeding babies. Use it to answer questions 6 and 7



6. Which kind of feeding is carried out using the item in the diagram above?

7. Give one condition that can lead to the kind of feeding mentioned in (6) above.

8. State one way of managing rainy weather in a home.

9. Name the main source of heat in the environment.

10. State one way how pollutants like polythene bags are harmful to the soil.

11. State a reason why photosynthesis cannot take place at night.

12. What do we call the mouth parts of a mosquito?
13. Give a difference between a first aider and a casualty.
14. Which type of soil has smallest inter particle spaces?
15. Give any one way of saving energy in a home.
16. Where do tape worms live in the body?
17. Write DMC in full.

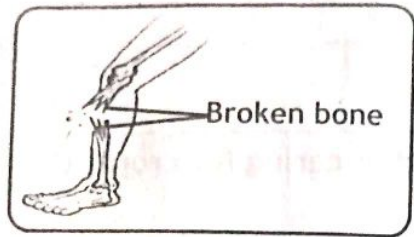
The diagram below shows a method of caring for crops. Use it to answer questions 18 and 19.



18. Name the way of caring for crops shown in the diagram above.
19. Why do farmers carry out the practice named in (18) above?
20. To what type of change do you group transpiration in plants?
21. Why is it advised to wash hands before preparing ORS?
22. Give one role of a mother in a home.
23. How are *flyovers* useful on busy roads?
24. Name the type of bacterium that cause trachoma to people.

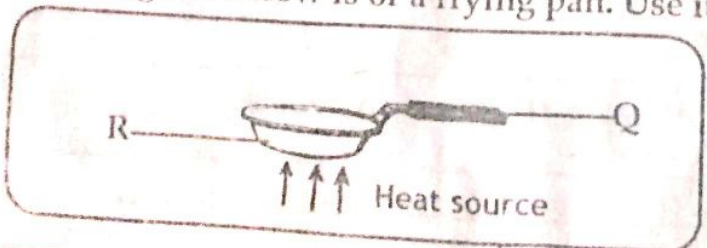
- 25. Why should we keep our fingernails short?
- 26. Name the *type of bee* that lays eggs in a hive.
- 27. Give any one sign of kwashiorkor in infants.
- 28. State the effect of hookworms to the body.

The diagram below shows a type of fracture. Use it to answer question 29 and 30.



- 29. Name the *type of fracture* shown in the diagram above.
- 30. Why are people with fractures tied with splints on the injured part?
- 31. Name the *element of weather* that enables crop farmers to winnow their harvested cereals.
- 32. How is the tail fin important to fish?
- 33. Which type of dysentery is caused by bacteria?
- 34. Give the first aid for a person who has taken rat poison.
- 35. Name any one product got from domestic birds.

The diagram below is of a frying pan. Use it to answer questions 36 and 37.



36. Why is part labelled Q made of dry wood?

37. How does heat pass through part R in the diagram above?

38. Name the **body organs** responsible for gaseous exchange.

39. Give the use of surgical spirit when giving first aid.

40. Which type of root system is found in cereals?

Section B (60 Marks).

11. (a) Apart from diarrhoea, name any two other diseases caused by poor sanitation.

(i) _____ (ii) _____

- (b) How does boiling water for drinking help in controlling diarrhoea?

- (c) State one danger of diarrhoea.

12. (a) Which type of fracture is common among children?

- (b) Why is the fracture named in (a) above common in children?

- (c) How are the following important when giving first aid?

(i) Stretcher _____

(ii) Arm sling _____

- (a) Name the **group** of seeds with one cotyledon.

- (b) Write down two characteristics found in plants got from seeds named in (a) above.

(i) _____

(ii) _____

- (c) Mention any one example of a seed with one cotyledon.

- (a) What is meant by the term **dehydration**?

- (b) Give any two causes of dehydration.

(i) _____

(ii) _____

(c) Which advice can you give to a mother whose child is suffering from dehydration?

48.

45. Match the following changes of state in A to their meanings in B.

- A**
- (i) Freezing
 - (ii) Evaporation
 - (iii) Condensation
 - (iv) Melting

- B**
- Changes from solids to liquids.
 - Changes from gases to liquids.
 - Changes from liquids to solids.
 - Changes from liquids to gases.

49.

- (i) Freezing
- (ii) Evaporation
- (iii) Condensation
- (iv) Melting

46. (a) State the main cause of Marasmus?

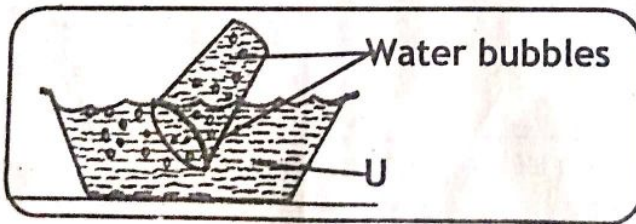
50.

(b) How can one prevent Marasmus?

(c) Apart from Marasmus, name two other deficiency diseases.

(i) _____ (ii) _____

47. The diagram below is of a property of matter. Use it to answer questions that follow.



(a) Name the property of matter shown in the diagram above.

(b) Apart from the above property, write down two properties of matter.

(i) _____

(ii) _____

(c) In which state of matter is substance U?

48. (a) State the difference between poultry and poultry keeping.

(b) Mention any two examples of poultry.

(i) _____ (ii) _____
(c) What name is given to a castrated male bird?

49. (a) What is meant by *the term air*?

(b) Give two uses of air to people.

(i) _____

(ii) _____

(c) Name any one component of air in the atmosphere.

50. (a) Give any two causes of burns in our homes.

(i) _____

(ii) _____

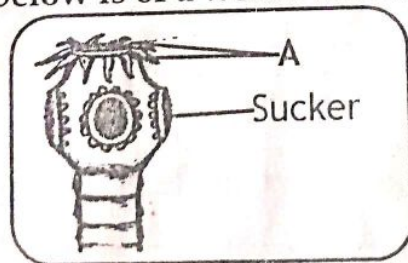
(b) Why is a burnt part put in clean cold water?

(i) _____

(ii) _____

(c) Which *common accident* is caused due to body contact with hot tea?

51. The diagram below is of a worm. Use it to answer questions that follow.



(a) Identify the *type of worm* shown in the diagram above.

(b) Name part marked A from the diagram above.

(c) How is part marked A important to the worm above?

(d) What does the above worm feed on from humans?

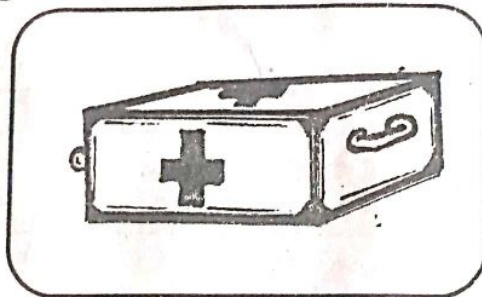
52. (a) State the importance of the following elements of sanitation.
(i) clean latrine _____
(ii) clean kitchen _____

- (b) Mention two important places that need to be kept clean at home.
(i) _____ (ii) _____

53. (a) Give any two ways of caring for the sense organ for feeling.

- (i) _____
(ii) _____
- (b) Mention any two materials used to clean the sense organ for feeling.
(i) _____ (ii) _____

54. The diagram below is of a first aid box. Use it to answer questions that



- (a) State the use of first aid box to the first aider.

- (b) Mention two places where a first aid box is found.

- (i) _____ (ii) _____

- (c) Why is the tool in the diagram above painted with bright colours?

55. (a) How does mulching;

- (i) improve on soil fertility? _____

- (ii) control soil erosion? _____

- (b) Give two disadvantages of mulching a banana plantation.

- (i) _____

- (ii) _____