

SECTION C - BIOLOGY (M. Marks : 30; Time : 1 hr.)

1. Name the following:-
 - i) Jelly like substance present in the cell.
 - ii) Sac like organelle in the plant cell which store food, water or waste.
 - iii) Rod shaped bacteria.
 - iv) Scientists who study micro organisms ($\frac{1}{2} \times 4 = 2$)
 2.
 - a) Why do you think curd sets faster in summer than in winters?
 - b) Why should we wash our hands before handling food? ($1 \times 2 = 2$)
 3. How does a vaccine work? (2)
 4. Which micro-organism is used to make bread soft and fluffy?
What is the scientific reason behind it? (2)
 5. State the function of: ($\frac{1}{2} \times 4 = 2$)

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| a) lysosome | b) centrosome |
| c) golgi bodies | d) endoplasmic reticulum. |
 6. Write down the main points of cell theory. (2)
 7. Draw a well labelled diagram showing purification of water in water works. (2)
 8. Draw a well labelled diagram of a plant cell and also state any three differences between onion peel and cheek cell. (5)
 9. What is food poisoning? Explain any four methods of food preservation. (5)
- Multiple Choice Questions: (1x6=6)
10. Water cannot be made potable by

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| a) boiling | b) reverse osmosis |
| c) chlorination | d) filtration |
 11. Which of these donot have a regular cell structure?

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| a) Amoeba | b) Virus | c) Euglena | d) none of these |
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 12. Which of these make their own food by photosynthesis?

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| a) Algae | b) Protozoa | c) Fungi | d) Yeast |
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 13. Which of these cause water pollution?

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| a) Sewage | b) Industrial waste |
| c) fertilizers | d) all of these. |
 14. The kind of light that can kill germs is

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| a) VIBGYOR | b) visible light |
| c) UV | d) SV |
 15. Wine is prepared by fermentation of sugar in

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| a) wheat | b) grapes | c) apple | d) barley |
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