

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: ($\frac{1}{2} \times 4 = 2$)

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

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

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

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

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

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

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