

Revision test FM -18

Case study

During summer, Kavya left cooked food outside for many hours. The food developed a bad smell and became unfit to eat. Her mother explained that microorganisms grow quickly in warm conditions.

1. The food got spoiled mainly because of:
(a) Sunlight (b) Microorganisms
(c) Oxygen (d) Dust
2. Which of the following is used to see microorganisms clearly?
(a) Telescope (b) Microscope
(c) Magnifying glass (d) Periscope
3. Which condition helps microorganisms grow faster?
(a) Extreme cold (b) Dry air
(c) Warm and moist conditions (d) Darkness only
4. Which of the following is a useful microorganism?
(a) Virus causing flu (b) Bacteria making curd
(c) Fungus spoiling bread (d) Germ causing cholera
5. Food can be protected from spoilage by:
(a) Keeping it open (b) Adding dirt
(c) Refrigeration (d) Heating repeatedly

One word answer (1 mark each)

6. Write different levels of organization in the form of flow charts?
7. The largest known cell category is _____
8. Among Bacteria, fungi, protozoa and algae which two microorganisms act as decomposers.
9. Most of the individuals get affected by roundworm, which infects the intestines most. Name the disease called _____

10. The flow of electricity occurred due to flow of _____ through the conductors.

Subjective type questions

11. What are the different four factors that affect the heating effect of electric current? Explain it by writing Joule's law of heating effect. (2)

12. Explain voltaic cells along with diagrams. (3)

13. How does pole formation of electromagnet take place due to coiling of wire. Explain with a diagram. (3)