



SCIENCE

CH: 2 The Invisible Living World – Beyond Our Naked Eye

Name: _____

Date: _____

Class: VIII Sec: ____

1.	Who discovered cells in cork? a) Leeuwenhoek b) Robert Hooke c) Schleiden d) Schwann
2.	Which of these is a unicellular organism? a) Amoeba b) Mango tree c) Earthworm d) Fish
3.	Which microorganism is used in the production of alcohol? a) Rhizobium b) Lactobacillus c) Yeast d) Penicillium
4.	The sour taste of curd is due to the formation of _____. a) Alcohol b) Citric acid c) Lactic acid d) Carbon dioxide
5.	Which of the following bacteria fix atmospheric nitrogen in soil? a) Rhizobium b) Streptococcus c) Salmonella d) Lactobacillus
6.	Assertion (A): Plant cells are more rigid than animal cells. Reason (R): Plant cells have a cell wall made of cellulose.
7.	Assertion (A): Amoeba is a multicellular organism. Reason (R): All life functions are carried out by a single cell in Amoeba.
8.	A: Plant cells have chloroplasts for photosynthesis. R: Plant cells have large central vacuoles that store water.
9.	A: Lactobacillus helps in converting milk into curd. R: Curd contains Vitamin B12.
10.	A: Animal cells do not have a cell wall. R: Animal cells have cellulose in their outer covering.
11.	A: Plant cells contain chlorophyll for photosynthesis. R: Chlorophyll is present inside the nucleus.
12.	A: Fermentation is an anaerobic process carried out by yeast. R: Fermentation requires a continuous supply of oxygen.
13.	A: Animal cells have a cell wall made of cellulose. R: Animal cells are bounded only by a plasma membrane.
14.	A: All bacteria cause diseases in humans. R: <i>Rhizobium</i> fixes nitrogen in soil.

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15.	A: Yeast produces oxygen during fermentation. R: Carbon dioxide and alcohol are produced during fermentation.
16.	What are unicellular organisms? Give two examples.
17.	State two uses of microorganisms in daily life.
18.	What is fermentation?
19.	What is biogas? Which microorganism helps in its production?
20.	Explain the usefulness of microorganisms in everyday life with examples.