

CLASS

XII

TOPIC : MICROBES IN HUMAN WELFARE**ONE MARK QUESTION**

- 1 Name the group of organisms and the substrate they act on to produce biogas.
- 2 What is the role of bacterium in the production of Swiss cheese?
- 3 How can small amount of curd added to fresh milk convert it to curd?
- 4 Write the scientific name of baker's yeast.

TWO MARK QUESTIONS

- 5 What are baculoviruses? Write their significance in agriculture.

6	Type of microbe	Name	Commercial product
	Fungus	a)	Penicillin
	Bacterium	<i>Acetobacter aceti</i>	b)
	c)	<i>Aspergillus niger</i>	Citric acid
	Yeast	d)	Ethanol

- 7 Mention the functions of LAB that are useful to man.
- 8 Name any four industrial products that employ microbes in their production.
- 9 Name any two alcoholic beverages produced in each of the following ways:
 - a) With distillation
 - b) Without distillation
- 10 Mention any four diseases that can be treated by antibiotics.

3 MARK QUESTIONS

- 11 Name the three types of micro organisms acting as biofertilizers. How do they enrich the soil fertility?
- 12 Name any three organic acids and the microbes producing them.
- 13 Describe biogas plant.
- 14 Write the names of microbes from which Cyclosporin A, Statin and streptokinase obtained. Also write their importance.

5 MARK QUESTIONS

- 15 Describe the treatment of sewage before it is discharged into a water body like a river.
- 16 What are biofertilizers? Name the categories of organisms used as biofertilizers with an example for each.