

India's Number 1 Education App

# BIOLOGY

# **BOOKS - SUPER COMPANION 5 IN 1**

# **MICROBES IN HUMAN WELFARE**

**One Mark Questions** 

1. Give examples to prove that microbes

release gases during metabolism.

 In which food would you find lactic acid bacteria? Mention some of their useful applications.

Watch Video Solution

## 3. In which way have microbes played a major

role in controlling diseases caused by harmful

bacteria?



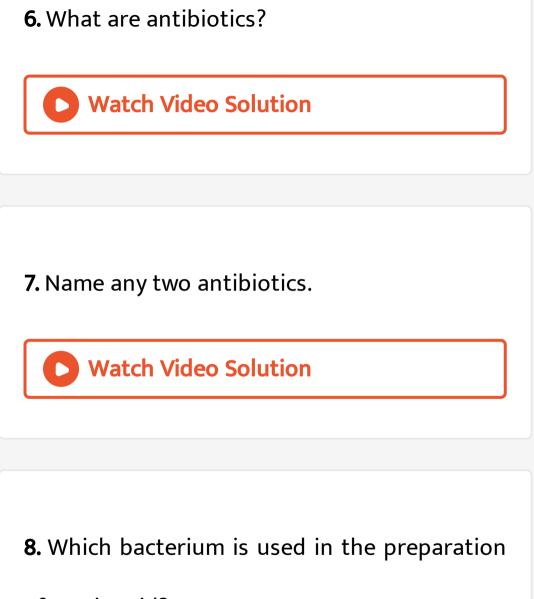
4. Name any two species of fungus, which are

used in the production of the antibiotics.



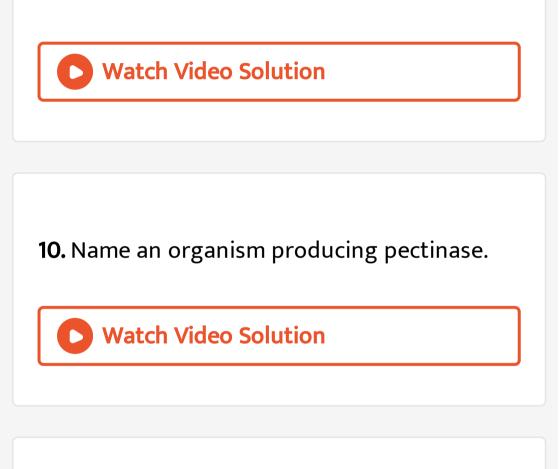
5. Name the chemical process involved in the

preparation of ethanol.



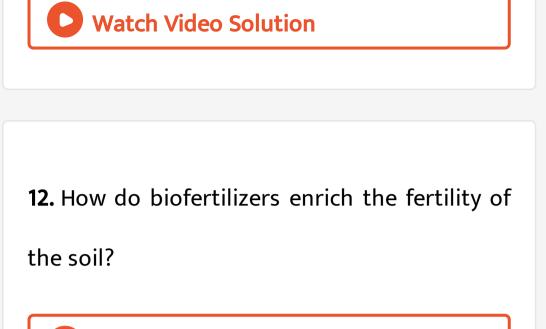
of acetic acid?

9. Name the fungus that produces statins.



**11.** Name the enzyme used to clarify fruit

juices.



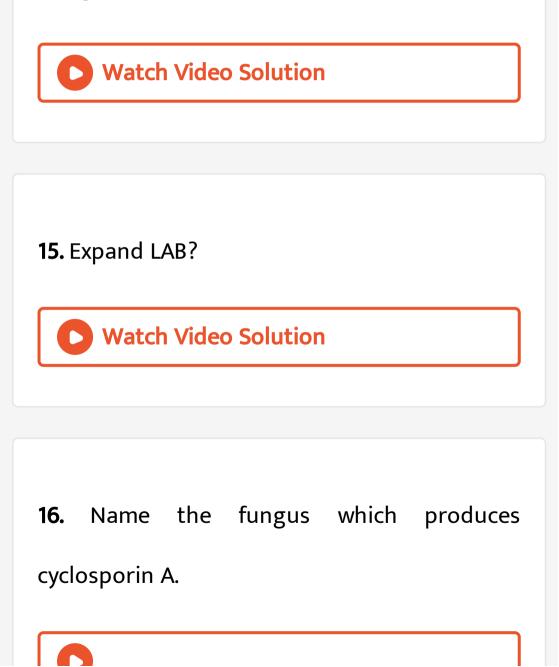
Watch Video Solution

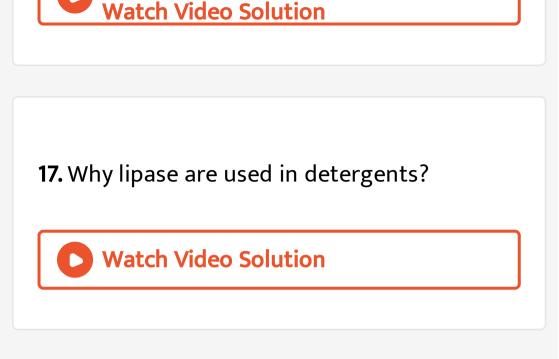
13. What is the role of Baker's yeast in the

production of bread?

14. Name the two symbiotic and free living  $N_2$ 

fixing microbes.





## **Two Mark Questions**

1. What is sewage ? In which way can sewage

be harmful to us?

2. What is the key difference between primary

and secondary sewage treatment?



3. Do you think microbes can also be used as

sources of energy? If yes, how?



4. Microbes can be used to decrease the use of

chemical fertilizers and pesticides.Explain how

this can be accomplished.



**5.** Find out the name of the microbes from which Cyclosporin A (animmuno-suppressive drug) and Statins (blood chloesterollowering agents) are obtained.



**6.** What are methanogens? Mention its compsoition.

**Watch Video Solution** 

### 7. When was Ganga Action plan started? What

is the aim of Ganga Action Plan?

8. What is dairy technology? Mention any two

dairy products.

Watch Video Solution

**9.** a) Mention the major sources of biofertilizers.

b) What is biocontrol ? Give any two examples.

Watch Video Solution

**Three Mark Questions** 

1. Write the scientific name of microbes that

produces Streptokinase, Statin and Citric acid.

Watch Video Solution

**2.** a) What is biochemical oxygen demand (BOD)?

 b) Differentiate between primary sludge and activated sludge.

**1.** What are biofertilisers? Write the main sources of biofertilisers and explain their functions.

Watch Video Solution

## 2. Define sewage. Explain the the two stages of

treatment of sewage water.

**3.** Describe the role of microbes in the production of industrial products. **Watch Video Solution**

4. Explain the role of microbes in the

production of household products.