



# BIOLOGY

## BOOKS - VIKRAM PUBLICATION ( ANDHRA PUBLICATION)

### BACTERIA

#### Very Short Answer Questions

1. Which one of the following acts as a physiological barrier to the entry of

microorganisms in human body?



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2. Define Microbiology



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3. Which of the following diseases is caused by bacteria ?



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4. What are Pleomorphic Bacteria ? Give an example



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5. What is sex pilus ? What is its function ?



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6. What is a genophore ?



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7. What is a plasmid ? What is its significance ?



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8. Hyper conjugation phenomenon is possible  
in:



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9. The free energy profile for the transformation of A into G is shown below:

What is the least stable transition state:



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10. What is transduction ? Who discovered it and in which organism ?



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1. Cyanobacteria are classified under



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2. Number of flagella in diatoms

Dinoflagellates and euglenoids are



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3. What is renewable source of energy?





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4. Gametangial copulation (conjugation) is common in



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## Long Answer Questions

1. What is the need of sexual reproduction ?



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## 2. Bacteria are



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## Exercises

1. Many people believe that bacteria do little more than cause human illness and infectious diseases. How does the information in the chapter help you correct that misconception ?



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2. An organism is described as a peritrichous bacillus . How might you translate this bacteriological language into a description of the organism



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## Important Question

1. Bacteria are



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2. Gametangial copulation (conjugation) is common in



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3. Name the Bacteria which is a common inhabitant of human intestine . How is it used in biotechnology ?



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4. What are Pleomorphic Bacteria ? Give an example



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5. What is a genophore ?



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6. What is a plasmid ? What is its significance ?





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7. Hyper conjugation phenomenon is possible in:



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8. What is transformation ? Who discovered it and in which organism ?



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9. What is transduction ? Who discovered it and in which organism ?



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