



# BIOLOGY

## BOOKS - SANTRA BIOLOGY (BENGALI ENGLISH)

### BIOLOGY AND HUMAN WELFARE

**Mcqs**

1. Causative organism of influenza

A. Leishmania

B. Rhino virus

C. Pox virus

D. Salmonella

**Answer:**



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**2. All antibodies are**

A. Albumin

B.  $\alpha$ -globulin

C.  $\gamma$ -globulin

D.  $\delta$ -globulin

**Answer:**



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**3. What is the causative agent of AIDS**

A. HIV

B. Entamoeba

C. Salmonella

D. Mycobacterium

**Answer:**



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**4. Quinine is a medicine of**

A. Diarrhoea

B. Pneumonia

C. Tetanus

D. Malaria

**Answer:**



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**5. A disease caused by protozoa in**

A. Cholera

B. Dysentery

C. Influenza

D. Tuberculosis

**Answer:**



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**6.** A disease which is transmitted through blood is

A. Polio

B. Tuberculosis

C. AIDS

D. Cholera

**Answer:**



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## Very Short Answer Type Questions

1. Write the name of vaccine of Tuberculosis.



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2. What is the causative agent of Diphtheria ?





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**3. Give an example of antigen.**



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**4. Name one disease of liver, transmitted through blood transfusion.**



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5. Give an example of beneficial bacteria which helps in soil fertility.



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6. State the beneficial effect of Escherichia coli.



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**Fill In The Blanks**

1. The terms vaccine was introduced by\_\_\_\_\_.



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2. DPT vaccine is the preventive measure of\_\_\_\_\_disease.



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3. Immunoglobulin is the one types of\_\_\_\_\_.



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4. Chemical nature of antibody is\_\_\_\_\_.



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## True Or False

1. Leishmania is a causative agent of Black fever.



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2. Ascaris is a Nematode.



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3. Barber's itch is a virus associated disease.



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4. Washing of hands should be done after going to bathroom.



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5. *Treponema pallidum* is causative agent of syphilis.



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6. Variola is a protozoa.



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**Short Answer Type Question**

1. What is vaccine ?



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2. What is immunity ?



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3. What is antibody ?



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4. Give examples of two harmful fungi ?



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5. What is Bacillus ?



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**Long Answer Type Questions**

1. Describe the symptoms, mode of transmission and nature of Diarrhoea, Dengue, Hepatitis A,B and Diphtheria.



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2. Explain on the importance of washing in protection of health and mention the significance of hand washing.



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3. What is biofertilizer ? Discuss the different types of biofertilizer.



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4. Explain the structure of antibody with diagram.



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5. What is immune response ? Discuss about cell mediated immune response with diagram.



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