



# BIOLOGY

## BOOKS - SANTRA BIOLOGY (BENGALI ENGLISH)

### ENVIRONMENT AND ITS RESOURCES

**Mcq**

1. Plants growing in bright light are

A. Xerophytes

B. Heliophytes

C. Hydrophytes

D. Mesophytes

**Answer:**



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**2. The insectivorous plant is**

A. Cassia

B. Drosera

C. Leucas

D. Solanum

**Answer:**



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**3. Which is phytoplankton**

A. Asplanchna

B. Cyclops

C. Daphnia

D. Protozoa

**Answer:**



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4. Which one is renewable conventional energy source

A. Biomass

B. Coal

C. Petroleum

D. Natural gas

**Answer:**



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5. Which one is non-conventional energy source

A. Natural gas

B. Wind power

C. Solar energy

D. Coal

**Answer:**



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## Fill In The Blanks

1. \_\_\_\_\_ is the renewable natural resources.



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2. \_\_\_\_\_ results in reduction in periodicity of rainfall.



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3. Silk is a product of \_\_\_\_\_.



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4. \_\_\_\_\_ is a endoparasite.



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5. \_\_\_\_\_ is a tertiary consumer.



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## True Or False

1. In case of *Opuntia phylloclades* is found.



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2. In case of natality biomass is decreased.



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3. Drosera is a insectivorous plant.



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4. Solar energy is a exhaustible natural resources.



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5. Enhanced fish availability is called as blue revolution.



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6. Coal is a non-renewable conventional energy sources.



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1. What is honey ?



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2. What is green revolution ?



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3. Name two non-renewable conventional energy resource.





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4. Name two endoparasites.



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5. What is microelement ?



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6. Name two xerophytic plants.





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## Short Answer Type Questions

1. What is bio-geochemical cycle ?



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2. Define ecology ?



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3. What is ecosystem ?



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4. What is fishery ?



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5. Define horticulture.



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6. What is food web ?



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## Long Answer Type Questions

1. Describe about the different levels of ecological organization.



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2. What are different adaptive features of Heliophytes ?



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3. Describe the methodology of rain water harvesting.



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4. Briefly describe about the alternate food sources.



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5. State about the different factors affecting population growth.



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**Column Matching**

## 1. match the following columns

Left Column	Right Column
A. Polysaccharide	(i) Amlaki
B. Hill reagent	(ii) Prorennin
C. Peptic cell	(iii) Glycan
D. Tannin	(iv) NADP



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## 2. Match the following columns

Left Column	Right Column
A. Centriole	(i) Methanococcus
B. Monera	(ii) <i>Anabaena</i>
C. N <sub>2</sub> fixation	(iii) Duct of Bellini
D. Nephron	(iv) Blepharoblast



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### 3. Match the following columns

Left Column	Right Column
A. Pericardium	(i) Stomata
B. Haemolymph	(ii) Heart
C. Pleura	(iii) Lungs
D. Transpiration	(iv) Cockroach



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Left Column	Right Column
A. Dark reaction	(i) <i>Acacia</i>
B. Xylem	(ii) Stroma
C. Chloroplast	(iii) Trachea
D. Phyllode	(iv) PGA

4.



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5. Match the following columns

Left Column	Right Column
A. Hippocrates	(i) Systema Naturae
B. Linnaeus	(ii) Father of medicine
C. Purine	(iii) Decomposer
D. Heterotroph	(iv) Guanine



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## 6. Match the following columns

Left Column	Right Column
A. Ectoparasite	(i) <i>Nerium</i>
B. Symbiotic bacteria	(ii) Louse
C. Tetanus	(iii) <i>Rhizobium</i>
D. Latex	(iv) Lock jaw



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## 7. Match the following columns

Left Column	Right Column
A. Blood clotting	(i) Salivary gland
B. Ptyalin	(ii) Cartilage
C. Testes	(iii) Prothrombin
D. Connective tissue	(iv) Scrotum



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## 8. Match the following columns

Left Column	Right Column
A. Neuron	(i) Cell sap
B. Vacuole	(ii) Pellagra
C. Niacin	(iii) Lamprey
D. Agnatha	(iv) Schwann cell



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## 9. Match the following columns

Left Column	Right Column
A. <i>Penicillium</i>	(i) Quinine
B. Theophrastus	(ii) Blue moulds
C. <i>Cyclops</i>	(iii) Father of Botany
D. Malaria	(iv) Zooplankton



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## 10. Match the following columns

Left Column	Right Column
A. Liver	(i) Muscular fatigue
B. Acetyl-CoA	(ii) Calvin cycle
C. Lactic acid	(iii) Ornithine cycle
D. Photosynthesis	(iv) Krebs cycle



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