

BIOLOGY

BOOKS - NAVBODH BIOLOGY (HINGLISH)

SHORT NOTES

Genetic Basis Of Inhertance

1. Point out the reasons for Mendel's success.



2. Multiple alleles of wing abnormalities in drophilla.



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Gene Its Nature Experession And Regulation

1. Deoxyribonucleotides.



2. m-RNA or massenger RNA.



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Biotechnology Process And Application

1. Plasmid.OR"transferable genetic element



2. Write a note on recognition sequences or restriction sites.



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3. DNA library prepared by"Teminism" process or cDNA library.



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Enhancement In Food Production

1. Write a note on mutational breeding.



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2. Biocontrol agents.



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Microbes In Human Welfare

1. Single cell protein.(SCP)



2. Microbes in Sewage Treatment



3. Fungi as source of food.



4. Microbes in industrial vitamin production.



Photosynthesis

1. Nature of light its role in photosynthesis.



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Respiration

1. Fermentation.

Organisms And Environment I

1. What is Greenhouse effect.



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2. Conservation and management of forest.



Orginic And Evolution Of Life

1. Explain the concept of struggle for existence.



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2. Survival of fittest.



3. Hardy-weinberg equilibrium.

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4. Neanderthal man:



5. Cro-Magnon man was:



Chromosomal Basis Of Inheritances

1. Linkage.



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2. Recombination



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3. Kinefelter's syndrome.



Genetic Engineering And Genomics

1. Discuss various applications of DNA fingerprinting.



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2. Goals of human genome project.



Human Health And Diseases

1. Write a note on artificial acquired active immunity.



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2. Cancer



3. HIV.



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4. Metastasis is:



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5. Harmful effects caused by drug abuse.



Animal Husbandry

1. Inbreeding.



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2. Crossbreeding:



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3. Give economic importance of apiculture.



4. Write a short - note on 'lac culture .



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Circulation

1. Pericardium



2. Angina pectoris.



3. Cornary artery disease(CAD).



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4. Hypertension.



Excretion And Osmoregulation

1. EFP and its role.



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2. Describe the process of urine formation in kidneys.



3. Kidney transplantation or renal transplantation.



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Control And Coordination

1. Functions of meninges and CSF.



2. Sympathetic nervous system.



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3. Birth hormone.



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4. Functions of hormones of parathyroid.



Human Reproduction

1. Histological structure of testis.



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2. Twins.



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3. Reproductive Health



4. Physiological devices of birth control.



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Organisms And Environment Ii

1. Desert adaptations.



2. Radioactive waste management.



3. Health problems caused due to heavy metal pollutants.



4. Causes of water pollution.



5. Prevention and control of air pollution.



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Short Notes On

1. Egg apparatus of angiosperm consists of



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2. BIOMAGNIFICATION

