



BIOLOGY

BOOKS - NAVBODH BIOLOGY (HINGLISH)

DEFINITIONS

Genetic Basis Of Inheritance

1. Genotype



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2. Phenotype



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3. Homozygous



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4. Heterozygous



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5. Monihybrid ratio



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6. monohybrid cross



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7. Factor



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8. Alleles(Allelomorphs)



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9. What is variation?



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10. What are clones?



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11. What is test cross?



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12. What are polygenes?



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13. What are linkage group?



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14. What is hybrid?



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Gene Its Nature Expression And Regulation

1. Operon



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2. Repressors.



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3. Solenoid fibre



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4. Codon



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5. Anticodon



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6. Codongen.



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7. Cryptogram.



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8. What is a gene?



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9. What is nuclein?



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10. What is transfomation?



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11. What is an anticodon ?



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12. What is cistron?



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13. What is recon?



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14. What is muton?



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Biotechnology Process And Application

1. Recombinant DNA technology.



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2. Recombinant DNA.



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3. Vector.



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4. PCR.



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5. DNA sequencing.



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6. Gene amplification.



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7. Biopatent.



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8. BIOPIRACY



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9. What is restriction?



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10. What are transposons?



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11. What are cosmids?



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12. What is terminism?



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13. What are plasmids?



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Enhancement In Food Production

1. Tissue culture.



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2. Totipotency.



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3. Callus.



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4. Explant.



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5. Mutation breeding.



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6. SCP.



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7. Biofortification.



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8. What is hybrid vigour?



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9. What is emasculation?



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10. What is domestication?



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11. What is hybridization?



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12. What are mutagens?



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Microbes In Human Welfare

1. Microbiology.



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2. Vitamins.



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3. BIOGAS





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4. Biocontrol.



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5. Biofertilizers.



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Photosynthesis

1. PHOTOSYNTHESIS



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2. Photosystem.



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3. Cyclic photophosphorylation



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4. Noncyclic photophosphorylation.



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5. Photolysis of water.



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6. Chemiosmosis.



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Respiration

1. Respiration.



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2. Glycolysis.



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3. Oxidative decarboxylation.





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4. Oxidative phosphorylation.



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5. Respiratory Quotient



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6. Respiratory substrate.





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Reproduction In Plants

1. Polination.



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2. SELF POLLINATION



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3. CROSS POLLINATION



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4. Triple fusion.



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5. Xenogamy



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6. Geitonogamy



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7. Porogamy.



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8. Syngamy.



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9. Chalazogamy.



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10. Microsporogenesis.



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11. Megasporogenesis.



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12. Hypohydrophily.



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13. Parthenocarpy.



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14. Apomixis.



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15. What is amphimixis?



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16. Syngamy.



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17. Microsporogenesis.



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18. Apomixis.



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19. Define dormancy.



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20. What is viability?



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Organisms And Environment I

1. ECOSYSTEM



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2. Reforestation.



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3. Afforestation.





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4. joint forest management.



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5. Deforestation.



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6. Humnification





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7. Mineralization.



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8. Leaching.



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9. Greenhouse Effect





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10. What is ecological niche?



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11. What is spatial niche?



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12. What is zonation?





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13. What is stratification ?



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14. What is community?



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15. What is climax community?





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16. What is hydrosere?



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17. What is bioaccumulation?



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18. What do you understand by biomagnification?



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19. What is humnification?



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20. What is leaching?



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21. What is ecology?



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Origin And Evolution Of Life

1. Adaptive radiation.



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2. Darwinism.



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3. Gene pool



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4. Gene flow.



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5. Mendelian population.



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6. Reproductive isolation.



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7. Genetic recombination.



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8. Reproductive isolation.



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9. Homologous organs.



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10. Analogous organs.



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11. Organic evolution.



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Chromosomal Basis Of Inheritance

1. Criss-cross inheritance.



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2. Synapsis.



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3. Syndrome.



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4. Aneuploidy.



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5. Nondisjunction.



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6. Linkage.



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7. Homologous chromosomes



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1. Vaccine



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2. Adjuvant.



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3. Genome



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4. Genomics.



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5. Restriction digestion.



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Human Health And Diseases

1. Immunology.



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2. immunity.



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3. Antigen.



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4. Antibody.



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5. Pathogen.



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6. Pathogenicity/pathogenesis.



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7. Haematopoiesis.



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8. HEALTH



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9. Hygiene.



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10. Disease.



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11. Adenoma.



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12. Carcinoma.



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13. Melanoma.



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Animal Husbandry

1. ANIMAL HUSBANDRY



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2. Inbreeding.



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3. Outbreeding.



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4. Cross breeding.



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5. Outcrossing.



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6. Apiculture.



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7. Sericulture.



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Circulation

1. Heartbeat.



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2. Pulse.



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3. Cardiac output.



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4. Cardiac cycle.



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5. Tachycardia.



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6. Bradycardia.



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7. Myogenic.



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8. Diapedesis



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9. Pacemaker.



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10. Thrombocytopenia.



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Excretion And Osmoregulation

1. Natriuresis



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2. GFR.



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3. Renal fascia.



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4. Column of bertini.



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5. Detrusor muscles.



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6. Ornithine cycle.



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Ontrol And Coordination

1. What is Meninges ?



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2. Exocrine gland.



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3. Endocrine gland.



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Human Reproduction

1. Gametogenesis



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2. Gastrulation



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3. Implantation



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4. Parturition.



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Organism And Environment

1. Natality



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2. Mortality.



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3. Growth rate.





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4. Density.



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5. Age structure.



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6. Demography.





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7. Mutualism.



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8. Commensalism.



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9. Adelphoparasitism.





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10. Pollution.



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11. Water pollution.



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12. Air pollution as defined by WHO.





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