

Class 12th Biology important questions (state board)

1. Reproduction in Organisms:
 - Explain the process of binary fission in Amoeba.
 - Describe the structure of a mature human sperm.
 - What is vegetative propagation? Explain the different types of vegetative propagation.
2. Sexual Reproduction in Flowering Plants:
 - Explain the process of double fertilization in angiosperms.
 - What is apomixis? Explain its types.
 - Describe the structure of a mature embryo sac.
3. Human Reproduction:
 - Explain the menstrual cycle in humans.
 - What is spermatogenesis? Explain the process.
 - Describe the structure of a mature ovum.
4. Reproductive Health:
 - What is ART? Explain the different types of ART
 - What is MTP? Explain the different methods of MTP.
 - What is contraception? Explain the different types of contraception.
5. Principles of Inheritance and Variation:
 - What is incomplete dominance? Explain with an example.
 - What is sex linkage? Explain with an example.
 - What is epistasis? Explain with an example.
6. Molecular Basis of Inheritance:
 - What is DNA fingerprinting? Explain the process.
 - What is genetic code? Explain the different types of codons.
 - What is RNA interference? Explain the process.
7. Evolution:
 - What is adaptive radiation? Explain with an example.
 - What is convergent evolution? Explain with an example.
 - What is divergent evolution? Explain with an example.
8. Human Health and Disease:
 - What is immunity? Explain the different types of immunity.
 - What is AIDS? Explain the causes, symptoms, and prevention of AIDS.
 - What is cancer? Explain the causes, symptoms, and prevention of cancer.
9. Strategies for Enhancement in Food Production:
 - What is tissue culture? Explain the process.
 - What is animal husbandry? Explain the different types of animal husbandry.
 - What is plant breeding? Explain the different methods of plant breeding.
10. Microbes in Human Welfare:
 - What is fermentation? Explain the process.
 - What is sewage treatment? Explain the process.
 - What is biofertilizer? Explain the process.