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Free Study Material, Previous year Papers, Model Papers and Guess papers etc

Important Questions for Class 11th

BOTANY

1. . Explain Binomial nomenclature, Botanical Garden, museum.
2. . What are the criteria for 5 kingdom classification. Give its merits and demerits.
3. Write down the general characters of archeobacteria, Protista, Algae, Bryophyta.
4. Explain alternation of generation.
5. Give an account of Modifications of Root and stem
6. Explain briefly Phyllotaxy, Venation.
7. Give an account of Flower structure, placentation, aestivation, seed types.
8. Give an account of family fabaceae.
9. Differentiate between Meristematic and permanent tissues.
14. Give an account of transpiration pull theory.
15. Give an account of mechanism of opening and closing of Stomata.
16. Explain Biological N₂ fixation, nitrification, Ammonification.
17. Explain Hydroponics, macro and micronutrients differences.
18. Explain Glycolysis, fermentation, krebs cycle and RQ.
19. Give an account of various photosynthetic pigments.

20. Explain Photophosphorylation, Photorespiration.
21. Differentiate between C3 and C4 cycle.
22. Give an account of physiological roles of Auxin, GA and ethylene.
23. . Explain photoperiodism.
24. Differentiate between Absolute and relative growth.

ZOOLOGY

Q1: General characters of Phylum Cnidaria, Annelida, Arthropoda, Mollusca and Chordates.

Q2: Structure and Function of Mitochondria, Chloroplast and Golgi bodies.

Q3: Fluid Mosaic Model.

Q4: Difference between Mitosis and Meiosis.

Q5: Classification of enzymes.

Q6: Nervous and connective tissues.

Q7: Cockroach.

Q8: Physiology of digestion, in alimentary canal.

Q14: Muscle Contraction and sarcomere, myasthenia-gravis

Q15: Structure of neuron.

Q16: Nerve Conduction.

Q17: Spinal Cord and cerebrum

Q18: Composition of Blood.

Q19: Structure of heart and Cardiac cycle.

Q20: Pituitary gland, Adrenal gland and Thyroid gland.

Q21: Hormone Action.

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