

Bifurcation of Syllabus in Biology (314)

Total no. of Lessons=31		
MODULE (No. & name)	TMA (40%)	Public Examination (60%)
1.Module-I: Diversity and Evolution of Life (12 Marks)	L-1.Origin and Evolution of Life and Introduction to Classification L-4. Cell Structure and Function	L-2.The Kingdom Monera, Protoctista and Fungi L-3.Kingdom Plantae and Animalia L-5.Tissues and other Level of Organization
2.Module-II Forms and Functions of Plants and Animals (26 Marks)	L-8. Absorption, Transport and Water Loss in Plants L-9. Nutrition in plants - Mineral Nutrition L-13. Nutrition and Digestion L-14. Respiration and Elimination of Nitrogenous Wastes L-16. Locomotion and Movement L-18. Homeostasis: The Steady State	L-6. Root system L-7. Shoot system L-10.Nitrogen Metabolism L-11.Photosynthesis L-12. Respiration in Plants L-15. Circulation of Body Fluids L-17. Coordination and Control - The Nervous and Endocrine Systems
3.Module-III: Reproduction and Heredity (22 Marks)	L-20. Growth and Development in Plants L-24. Genetics and Society	L-19. Reproduction in Plants L-21. Reproduction and Population Control L-22. Principles of Genetics L-23. Molecular Inheritance and Gene Expression
4.Module- IV: Environment and Health (13 Marks)	L-26. Conservation and Use of Natural Resources L-27. Pollution L-29. Some Common Human Diseases	L-25. Principles of Ecology L-28. Nutrition and Health
5.Module- V: Emerging Areas in Biology(7 Marks)		L.30 Immunobiology: An Introduction L.31 Biotechnology