



THE
RADIANT[®]
ACADEMY



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STAR (STUDENT TALENT ACADEMIC REWARD)

CLASS : (XII)

PHYSICS, CHEMISTRY & BIOLOGY

TEST PATTERN

Time	Total No. of Questions	Subject/Question Segregation	Type	Total Marks : 180	
				Correct	Negative
120 Minutes	1-60	Physics (1-20) Chemistry (21-40) Biology (41-60)	Objective Question	3 Mark	1 Mark

TEST SYLLABUS STAR STAGE - 2

1. PHYSICS	1. Electrostatics 3. Capacitance 5. EMI 7. Modern Physics 9. Wave Optics 11. Semiconductors, Electronic Devices and Communication System 12. Ray Optics	2. Current electricity 4. EMF 6. Alternating Current 8. Nuclear Physics 10. Electromagnetic Waves
2. CHEMISTRY	1. Solution 3. Electrochemistry 5. P-block 7. Alkyl and Aryl Halide 8. Alcohols, Phenols and Ethers 10. Carbonyl Compounds and Carboxylic Acids 11. Biomolecules	2. Coordination Compounds 4. Chemical Kinetics 6. d & f block 9. Aromatic Compounds
3. BIOLOGY	1. Sexual Reproduction in Flowering Plants 2. Human Reproduction 3. Reproductive Health 4. Molecular basis of Inheritance 5. Genetics 6. Evolution 7. Human Health and Disease 8. Microbes in Human Welfare 9. Principles and process of Biotechnology 10. Application in Biotechnology 11. Organism and Population 12. Ecosystem 13. Biodiversity	

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