



THE  
**RADIANT**<sup>®</sup>  
**ACADEMY**



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## STAR (STUDENT TALENT ACADEMIC REWARD)

**CLASS : (XII)**

## PHYSICS, CHEMISTRY & MATHEMATICS

### 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) Mathematics (41-60)	Objective Question	3 Mark	1 Mark

### TEST SYLLABUS STAR STAGE - 2

<b>1. PHYSICS</b>	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
<b>2. CHEMISTRY</b>	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
<b>3. MATHEMATICS</b>	1. Relation and functions 2. Inverse trigonometry functions 3. Matrices 4. Determinants 5. Continuity and differentiability 6. Application of derivatives 7. Integrals and Application of Integrals 8. Differential Equation 9. Vector & 3-Dimension	

### THE RADIANT ACADEMY

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