



THE
RADIANT
ACADEMY[®]



Great Faculty
Great Results

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

| | |
|---------------------|---|
| 1. PHYSICS | 1. Electric Charges and Fields 2. Electric Potential and Capacitance 3. Current Electricity 4. Moving charges and Magnetism 5. Electromagnetic Induction 6. Alternating Current 7. Ray Optics 8. Wave Optics 9. Dual Nature of Radiation and Matter 10. Atoms 11. Nuclei |
| 2. CHEMISTRY | 1. Solution 2. Electrochemistry 3. Surface chemistry 4. Stereoisomerism 5. Haloalkanes and Haloarenes 6. Alcohols and Ethers |
| 3. BIOLOGY | 1. Reproduction in Organism 2. Reproduction in Flowering Plants 3. Human Reproduction 4. Reproductive Health 5. Principles of Inheritance and Variations 6. Molecular basis of Inheritance 7. Evolution 8. Neural Control and Co-ordination 9. Cell Structure and Function 10. Cell Cycle 11. Transport in Plants 12. Photosynthesis in Plants |

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