BLUE PRINT – CLASS 6 - SCIENCE

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SL NO** | **CHAPTER** | **VSA-1 MARK** | **SA- 2MARKS** | **SA -3 MARKS** | **LA-5 MARKS** | **LAB ACTIVITY** | **TOTAL** | **% WEIGHTAGE** |
| 1 | MOVEMENTS IN THE BODY |  |  | 1 | 1 |  | 8 | 10 |
| 2 | ADAPTATIONS IN LIVING ORGANISMS |  | 1 | 2 |  |  | 8 | 10 |
| 3 | MEASUREMENT AND MOTION | 1 |  |  | 1 | 2 | 6+2= 8 | 10 |
| 4 | LIGHT,SHADOWS AND REFLECTIONS |  | 1 | 2 |  | 2 | 8+2=10 | 12.5 |
| 5 | ELECTRICITY AND CIRCUITS |  |  | 1 | 1 | 2 | 8+2=10 | 12.5 |
| 6 | MAGNETS AND THEIR EFFECTS |  |  | 1 | 1 | 2+2 | 8+2+2=12 | 15 |
| 7 | AIR AROUND US |  | 1 | 1 | 1 |  | 10 | 12.5 |
| 8 | WASTE AND ITS MANAGEMENT | 1 |  |  | 1 |  | 6 | 7.5 |
| 9 | SEPARATION OF SUBSTANCES(PREVIOUS PORTION) |  |  | 2 |  | 2 | 6+2=8 | 10 |
|  | TOTAL MARKS | 2 | 6 | 30 | 30 | 12 | **80** | **100** |

**BLUE PRINT-CLASS 7 - SCIENCE**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SL NO** | **NAME OF THE CHAPTER** | **VERY SHORT ANSWER-VSA****(1 MARK)** | **SHORT ANSWER-I SA-I****(2 MARKS)** | **SHORT ANSWER-II SA-II****(3 MARKS)** | **LONG ANSWER-LA** **(5 MARKS)** | **LAB ACTIVITY****(2marks)** | **TOTAL MARKS** | **%****WEIGHTAGE** |
| 1 | **RESPIRATION IN ORGANISMS** | - | - | 1 | 1 | - | 8 | 10% |
| 2 | **TRANSPORTATION AND EXCRETION** | - | - | 1 | 1 | - | 8 | 10% |
| 3 | **PHYSICAL AND CHEMICAL CHANGES** | - | - |  | 1 | 1 | 7 | 8.75% |
| 4 | **TIME AND MOTION** | - |  | 1 | - | 1 | 5 | 6.25% |
| 5 | **REPRODUCTION IN PLANTS** | - | 1 | 1 | 1 | - | 10 | 12.5% |
|  **6** | **FOREST AND THEIR CONSERVATION** | 1 | - | 1 | - | - | 4 | 5% |
|  **7** | **WEATHER, CLIMATE AND ANIMAL ADAPTATIONS** | - | - | 2 | - | - | 6 | 7.5% |
| **8** | **WIND AND STORM** |  | - | - | 1 | 1 | 7 | 8.75% |
|  **9** | **ELECTRIC CURRENT AND SIMPLE CIRCUITS** | - | 1 | - | 1 | 1 | 9 | 11.25% |
| **10** | **ACIDS, BASES AND SALTS (1ST TERM)** | - | - | 2 | - | 1 | 8 | 10% |
| **11** | **LIGHT AND ASSOCIATED PHENOMENA(1ST TERM)** | 1 | 1 | 1 | - | 1 | 8 | 10% |
|  |  | **2x1=2** | **3x2=6** | **10X3=30** | **6X5=30** | **6X2=12** | **80** | **100** |

**BLUE PRINT- CLASS 8 - SCIENCE**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **SL NO** | **NAME OF THE CHAPTER** | **VERY SHORT ANSWER-VSA(1 MARKS)** | **SHORT ANSWER-I SA-I(2 MARKS)** | **SHORT ANSWER-II SA-II(3 MARKS)** | **LONG ANSWER-LA (5 MARKS)** | **TOTAL MARKS** | **%****WEIGHTAGE** |
| 1 | FORCE AND FRICTION |  | 1 | 1 | 1 | 10 | 12.5 |
| 2 | METALS AND NON-METALS |  |  | 2 | 1 | 11 | 13.75 |
| 3 | COAL AND PETROLEUM |  | 1 | 1 |  | 5 | 6.25 |
| 4 | SOUND | 1 |  | 1 | 1 | 9 | 11.25 |
| 5 | CROP RPODUCTION AND MANAGEMENT |  |  |  | 1 | 5 | 6.25 |
| 6 | SOME NATURAL PHENOMENON |  | 1 | 1 |  | 5 | 6.25 |
| 7 | CHEMICAL EFFECTS OF ELECTRIC CURRENT | 1 |  | 1 |  | 4 | 5 |
| 8 | POLLUTION OF AIR AND WATER |  |  | 1 |  | 3 | 3.75 |
| 9 | MORE ABOUT LIGHT |  |  | 1 | 1 | 8 | 10 |
| 10 | CONSERVATION OF PLANTS AND ANIMALS(HAND OUT) |  |  | 1 |  | 3 | 3.75 |
| 11 | COMBUSTION,FLAME AND FUEL |  |  |  | 1 | 5 | 6.25 |
|  | LAB BASED  |  |  |  |  |  |  |
| 1 | FORCE AND FRICTION (ACT 5) |  | 1 |  |  | 2 | 2.5 |
| 2. | METALS AND NON-METALS (ACT 3) |  | 1 |  |  | 2 | 2.5 |
| 3 | SOUND(ACT 3) |  | 1 |  |  | 2 | 2.5 |
| 4 | CROP RPODUCTION AND MANAGEMENT(ACT 1) |  | 1 |  |  | 2 | 2.5 |
| 5 | MORE ABOUT LIGHT(MULTIPLE REFLECTION) |  | 1 |  |  | 2 | 2.5 |
| 6. | COMBUSTION,FLAME AND FUEL(ACT 2) |  | 1 |  |  | 2 | 2.5 |
|  |  |  |  |  |  |  |  |
|  | TOTAL | 1X2=2 | 2X9=18(6+12) | 3X10=30 | 5X6=30 | 80 | 100 |

BLUE PRINT – CLASS 9 - SCIENCE

|  |  |
| --- | --- |
| **Units** | **Marks** |
| I | Matter - Its Nature & Behaviour | 23 |
| II | Organisation in the Living World | 20 |
| III | Motion, Force and Work | 27 |
| IV | Our Environment | 06 |
| V | Food; Food Production | 04 |
|   | **Total** | **80** |

BLUE PRINT – CLASS 10 - SCIENCE

|  |  |
| --- | --- |
| **Units** | **Marks** |
| I | Chemical Substances - Nature & Behaviour | 25 |
| II | World of Living | 23 |
| III | Natural Phenomenon | 12 |
| IV | Effects of Current | 13 |
| V | Natural Resources | 07 |
|   | **Total** | **80** |

BLUE PRINT – CLASS 11 - PHYSICS

|  |  |  |
| --- | --- | --- |
| Unit | Chapter / Topic | Marks |
| I | Physical World and Measurement | 23 |
|   | Chapter–1: Physical World |
|   | Chapter–2: Units and Measurements |
| II | Kinematics |
|   | Chapter–3: Motion in a Straight Line |
|   | Chapter–4: Motion in a Plane |
| III | Laws of Motion |
|   | Chapter–5: Laws of Motion |
| IV | Work, Energy and Power | 17 |
|   | Chapter–6: Work, Energy and Power |
| V | Motion of System of Particles |
|   | Chapter–7: System of Particles and Rotational Motion |
| VI | Gravitation |
|   | Chapter–8: Gravitation |
| VII | Properties of Bulk Matter | 20 |
|   | Chapter–9: Mechanical Properties of Solids |
|   | Chapter–10: Mechanical Properties of Fluids |
|   | Chapter–11: Thermal Properties of Matter |
| VIII | Thermodynamics |
|   | Chapter–12: Thermodynamics |
| IX | Kinetic Theory of Gases |
|   | Chapter–13: Kinetic Theory |
| X | Oscillation & Waves | 10 |
|   | Chapter–14: Oscillations |
|   | Chapter–15: Waves |
|   | Total | 70 |

BLUE PRINT – CLASS 11 – CHEMISTRY

|  |  |  |
| --- | --- | --- |
| **Unit** | **Title** | **Marks** |
| I | Basic Concepts of Chemistry | 11 |
| II | Structure of Atom |
| III | Classification of Elements & Periodicity in Properties | 04 |
| IV | Chemical Bonding and Molecular Structure | 21 |
| V | States of Matter: Gases and Liquids |
| VI | Thermodynamics |
| VII | Equilibrium |
| VIII | Redox Reactions | 16 |
| IX | Hydrogen |
| X | s-Block Elements |
| XI | Some p-Block Elements |
| XII | Organic Chemistry: Basic Principles & Techniques | 18 |
| XIII | Hydrocarbons |
| XIV | Environmental Chemistry |
|   | **Total** | **70** |

BLUE PRINT – CLASS 11 – BIOLOGY

|  |  |  |
| --- | --- | --- |
| **Unit** | **Title** | **Marks** |
| I | Diversity of Living Organisms | 07 |
| II | Structural Organisation in Plants & Animals | 12 |
| III | Cell: Structure and Function | 15 |
| IV | Plant Physiology | 18  |
| V | Human Physiology | 18 |
|   | **Total** | **70** |

BLUE PRINT – CLASS 11 – ENGG. GRAPHICS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **UNITS** | **MCQ( 1)** | **SA (3)** | **VBQ (4)** | **LA (5)** | **VLA (7)** | **TOTAL** |
| Unit 1Plane Geometry(3 Chapters) | 2 | 3 | 0 | 1 | 0 | 16 |
| Unit 2Solid Geometry(2 chapters) | 1 | 1 | 1 | 1 | 2 | 27 |
| Unit 3Machine Drawing(3 chapters) | 2 | 0 | 2 | 2 | 1 | 27 |
| TOTAL | 5 | 12 | 12 | 20 | 21 | 70 |

BLUE PRINT – CLASS 12 – PHYSICS



**BLUE PRINT – CLASS 12 – CHEMISTRY**

|  |  |  |
| --- | --- | --- |
| S.NO | CHAPTER | Marks |
| 1 | Solid State | 22 |
| 2 | Solutions |
| 3 | Electrochemistry |
| 4 | Chemical Kinetics |
| 5 | Surface Chemistry |
| 6 | General Principles and Processes of Isolation  | 19 |
| 7 | p Block Elements |
| 8 | d and f Block Elements |
| 9 | Coordination Compounds |
| 10 | Haloalkanes and Haloarenes | 29 |
| 11 | Alcohols, Phenols and Ethers |
| 12 | Aldehydes, Ketones and Carboxylic acids |
| 13 | Amines |
| 14 | Biomolecules |
| 15 | Polymers |
| 16 | Chemistry in Everydaylife |
|  | TOTAL |

BLUE PRINT – CLASS 12 – BIOLOGY



Jenifer Robinson

Academic Supervisor