

Akai Academies

Syllabus For Pre Mid Term

CLASS: VI

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| Science | <p>Physics (13 Marks)</p> <p>(a) Measurement</p> <p>Chemistry (13Marks)</p> <p>(a) Matter and its nature</p> <p>(b) Classification of material</p> <p>Biology (14 Marks)</p> <p>(a) Food</p> |
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CLASS: VII

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| Science | <p>Physics (13Marks)</p> <p>(a) Heat + Supplementary material (Heat)</p> <p>Chemistry (13Marks)</p> <p>(b) Supplementary material (structure of an atom + valency chart)</p> <p>Biology (14 Marks)</p> <p>(a) Obtaining and utilizing food</p> |
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CLASS: VIII

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| Science | <p>Physics (13Marks)</p> <ul style="list-style-type: none"> - Force and Pressure - Earthquakes <p>Chemistry (13Marks)</p> <ul style="list-style-type: none"> - Synthetic material - Structure of atom (Supplementary Material) <p>Biology (14Marks)</p> <ul style="list-style-type: none"> - Food Production |
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CLASS: IX

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| Science Physics (13Marks) | <p>Chapter 8 : Motion Describing motion, motion is a straight line, uniform and non-uniform motion, measuring rate of motion, rate of change of velocity, Graphical representation of motion including distance time graphs and velocity time graphs, equations of motion by graphical method, uniform circular motion.</p> <p>Chapter 9 : Force and Laws of motion anced and unbalanced forces, First law of motion,</p> |
| Science Chemistry (13Marks) | <p>Chapter 1: Matter In our surrounding Topics: Introduction, Physical Nature of Matter, Characteristics of Particles of matter, states of matter, Can matter change its states - Effect of temperature, pressure, sublimation, evaporation.</p> <p>Chapter 2: Is Matter around us Pure Introduction, Pure substance-Elements & Compound, Impure substances, Mixture, Physical and Chemical changes.</p> |
| Science Biology (14 Marks) | <p><u>The fundamental unit of life</u> Topic/Subtopic: Introduction, What are living organisms made up of? What is cell made up of? Plasma membrane and cell wall, concept of osmosis and diffusion and nucleus, Cytoplasm, Cell organelles, Endoplasmic Reticulum and Golgi apparatus. : Lysosomes, Mitochondria, Plastids and nucleus.</p> <p><u>Tissues</u> Topics : Introduction, Plant Tissues: Meristematic tissues, Permanent tissues Topics: Simple Permanent tissues, Complex permanent tissue - Xylem or Phloem, Animal Tissues</p> |

Class- X

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| Science Physics (13 Marks) | Chapter 12: Electricity Chapter 13 : Magnetic Effects of current Magnetic field, field lines, field due to a current carrying straight conductor, |
| Science Chemistry (13 Marks) | Chapter 1: Chemical Reactions & Equations.. Chapter 2: Acids, Bases & Salts Topic/Subtopic: Physical properties of Acid & Base. Chemical Properties: Reaction with Metal, reaction with sodium carbonate and sodium hydrogen carbonate. |
| Science Biology (14 Marks) | Life Processes How do organisms reproduce Topics: Mode of reproduction used by single organisms, fission, fragmentation, Regeneration, Budding, vegetative propagation, spore formation, sexual reproduction, why the sexual mode of reproduction, |

Blue Print (VI-X)

Duration of Exam: 1Hr

The number of questions in the online test will be asked 40 in the form of MCQs, and each question will be of one mark.