

Test Grid for Periodic Test Class-VIII

PT	Physics	Chemistry	Maths	Biology	SST	English	MAT
PT-01	Force (Effects of force, Definition of force, Balanced and Unbalanced forces, Resultant force)	Synthetic Fibres and Plastics (Synthetic polymers, polymerisation, Fibres, Types of fibres : Natural fibres; synthetic fibres and semi - synthetic fibres, Synthetic clothing material - Rayon.)	Rational Number	Crop Production & Management (Introduction Sources of Food, Agricultural practices, Agricultural implements, Weeds.)	How, When & Where	Noun & Comprehension	Number Series
PT-02	Force (Complete)	Synthetic Fibres and Plastics (Synthetic polymers, polymerisation, Fibres, Types of fibres : Natural fibres; synthetic fibres and semi - synthetic fibres, Synthetic clothing material - Rayon, Advantages and disadvantages of synthetic fabrics, Activity-(1) to study the structure of various Fibres, Activity-(2) to determine the effect of flame on different Fibres, Activity-(3) to determine relative tensile strength of different Fibres .)	Rational Number, Square & Square Roots	Crop Production & Management (Storage of Grain, Common diseases of Crops Green revolution Animal Husbandary) Micro-organisms Friend & Foe - Part-1 (Micro organisms, Major group of Microorganisms, Virus and Bacteria)	How, When & Where & Indian Constitution, Resources, Types and Development	Noun, Pronoun, Irregular Verbs & Comprehension	Number Series, Alphabet Series
PT-03	Pressure (Pascal's law, application of Pascal's law, Examples of hydraulic machines) Friction (Introduction-Friction, Causes of friction, Types of friction.)	Metal and Non-Metal (Introduction, Occurrence of metals and non - metals, Physical properties of metals, Physical properties of non - metals.)	Linear equation in one variable, Quadrilateral	Micro organisms friend & foe Part-1 (Micro organisms, Major group of Microorganisms, Virus and Bacteria) Part-2 (Algae, Types of Algae, Fungi, Types of Fungi, Protozoa, Harmful and Useful protozoan) - Part-3 (Friendly Micro-Organism, Medicinal use of Micro-Organism, Harmful effect of Micro-Organism, Disease Causing Micro-Organism, Diseases in animals, Diseases in plants, Food Preservation.)	Ruling the Country Side , Understanding Secularism	One Word Substitution & Adjective	Letter Repeating, Missing terms in figure
PT-04	Sound (Wave Motion, Classification of waves- differences between different classes, Sound wave)	Metals and Non-Metals (Part-2)	Playing With Numbers, Algebraic Expressions	Cellular Level of Organisation Part-1 (Introduction of Cell, Microscopy, Cell Shape, Cell size, Types of cell, Types of Organism) Part-2 (Cell Structure, Cell wall)	Tribals, Dikus and the vision of a golden age, Mineral and Power Resource	Adverbs, Degrees of Comparison & Comprehension + First 25 one word	Mathematical Operation, Alphabet Test, Coding-Decoding
PT-05	Sound (Complete)	Synthetic Fibres and Plastics & Metals and Non-Metals (Complete)	Algebraic Expressions, Algebraic Identities, Exponents and powers	Cell membrane, Protoplasm, Nucleus, Cytoplasm. Mitochondria, Plastid, Endoplasmic Reticulum. Golgi Apparatus, Lysosomes, Vacuoles, Ribosomes, Difference between plant cell and Animal Cell.)	Why do we need a parliament ,	Tense, Comprehension, Idioms & Phrases	Direction Sense Test, Seating Arrangement, Ranking ordering Test
PT-06	Electricity (Electricity, Electric charge, Method of Charging, Flow of Charge, Earthing, Conductors, Insulators, Semi conductors, Electric Current, Electric Circuit, Electrical Conductivity, Chemical Effect of Electric Current, Magnetic Effect of Electric Current, Danger of Electricity, Safety measures in using Electricity)	Coal and Petroleum (Complete)	Percentage and its application, SI and CI,	Types of animals on basis of presence of sex organs Human Reproductive system, Gamete formation, Fertilization, Types of Fertilization, Formation of Baby inside the Womb, Placenta, Parturition, After birth care, Young ones to Adults, Test tube baby or in vitro fertilization, Story of Dolly) Pollution of Air	Agriculture , Weavers, Iron smelters and factory owners, Judiciary,	Synonyms (1 to 40) , Antonyms (1 to 40) & Conjunctions	Ranking, Ordering and Logical Sequence of Words, Blood Relation
PT-07	Light (Complete)	Combustion and Flame (Fuels, Types of fuels, Characteristics of fuels, Characteristics of an ideal fuel, Burning of fuels lead to harmful products, Some commonly used fuels (hydrogen, CNG, LPG, Green house effect, Acid Rain, Sun as source of energy.)	Mesuration, Visualising solid shapes,	water Pollution (Cause, effect & Prevention, World environment day & clubs), Reaching age of adolescence (Adolescence, Puberty, The role of hormones in adolescence & Problems associated with adolescence, Reproductive health, Menstrual cycle, Methods of Control over population, Determination of sex & methods of sex determination, Sexually Transmitted disease, Chemical coordination in Animals & Important endocrine glands.)	Women, Caste and Reform, Understanding Marginalisation	Confusables, Determiners	Puzzle Test, Venn Diagram, Analogy, Pyramid Test