

SYLLABUS - CLASS 5

PCM

SCHOLARSHIP EXAMINATION 2023-2024

Time : 90 Minutes

Marks : 100

Vocabulary and Sentence Structure	Selecting the right word/sentence, one word for many, idioms and phrases, rearranging words/sentence, word/sentence completion, recognizing word meaning from context
Grammar	Using of time / tense (past, present, future), synonyms, antonyms, number (singular / plural) references accurately, recognising grammatical errors and selecting / forming appropriate questions, adjectives, adverbs, subject-verb agreement etc.
Riddles	Solve simple and funny riddles
Fundamental Operations on Numbers	Addition and subtraction, multiplication and division – advanced level, algorithm, factors and multiples
Fractions	Basics of fractions
Decimals	Basics of decimals
Time	Minutes, hour, days, week and months
Money	Selling and buying, saving money, rate charts and bills, simple interest
Perimeter and Area	Find the perimeter and area with given details
Pictograph	Calculate the values based on the pictures given.
Plants and Animals and Their Characteristics	Plant / animal cells, main components in the cells, growth and reproduction of living things
Human Body	Important organs and their functions- brain, heart, lungs, kidneys, eyes, ears, liver etc. Important human body systems- respiratory, digestive, skeletal, muscular, nervous system, circulatory system etc.
Microorganisms	Virus, amoeba, bacteria, fungus etc. Healthy habits and safety consciousness.
Health and Hygiene	
Matter and Energy	What is energy? Why do we need energy? Various sources of energy/uses of electricity and measures of saving electricity at home (switching off unnecessary electrical equipment, use of solar panels etc.)

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Simple Machines	Tools and machines used in everyday life, their uses and how they function
Air and Water	Earth's atmosphere, layers of atmosphere, components of air, sea breeze, land breeze, water, formation of water, water cycle, evaporation, condensation, humidity, boiling point.
Rocks and Soils	Formation of rocks, soils
Space	Stars, solar system, earth, galaxy, space, satellites, space missions and organisations which carry out space missions in India and abroad
Evolution	Man's Evolution from Stone Age to River Valley Civilisation
Our Constitution	Important aspects of our constitution, preamble, Fundamental Rights and Duties, Directive principles, meanings of different terms, Universal adult franchise
Indian Government	Our states and union territories, Central Government, State government, and local government, The Legislature, the Executive and the Judiciary, Lok Sabha and Rajya Sabha, State Legislative Assembly, Local Government bodies, Elections.
Continents and Oceans	Oceans, continents, countries, major rivers, mountains and deserts in the world, climates in various geographical regions (places).
Our India	India – Location, Neighboring countries, climate, forests, Natural resources, Renewable and non-renewable resources, agriculture, industries, natural calamities
The Solar System	Celestial Bodies, Solar and Lunar Eclipses
Weather and Climate	Different climatic zones, Atmospheric pressure and temperature, Greenhouse effect
Transport and Communication	Evolution of transportation and communication systems through ages –from the invention of the wheels to rockets, and supersonic planes, from the stone carvings to e- mails and modern communication devices
Sports and Games	Popular sports and games, popular sports persons