

Super TET Junior Teacher (6 - 8)

Syllabus

Subject	Topic
 General Knowledge / Current Affairs / Reasoning	- Current events of national and international importance - History of India and the Indian National Movement - Geography of India - Indian Polity and Governance - Constitution, political system, Panchayati Raj, public policy/administrative issues, etc. - Economic and social development - sustainable development, poverty, inclusive demographics, social sector initiatives, etc. - General issues on Environment and Ecology, Biodiversity and Climate Change - General Science - Analogies, assertion and reason, binary logic, classification, clocks and calendars, coded inequalities, coding-decoding
 Hindi (Language Option)	- History of Hindi Literature and Language - Grammar - Unseen prose and poetry passages - General introduction of major writers/poets and their works
 English (Language Option)	- History of English Literature and Language - Grammar - Unseen Passage - Writers/Poets - general introduction and their work
 Sanskrit (Language Option)	- Knowledge of the history of Sanskrit language and literature - Grammar - Unseen prose/poetry passages - General introduction of major writers/poets and their works
 Social Studies	- Sources of knowing history - Stone Age culture, Chalcolithic (Copper Age) culture, Vedic culture - India in the 6th century BC - Early kingdoms of India - Establishment of the Mauryan Empire in India - Post-Mauryan India, Gupta period, Rajput period India, Pushyabhuti dynasty, South Indian kingdoms - Religious and social development in the 6th century - Advent of Islam in India, establishment, expansion and disintegration of the Delhi Sultanate - Mughal Empire - culture, decline - Arrival of European powers in India and establishment of British rule - Expansion of Company rule in India

Subject	Topic	
 Social Studies (Continued)	• Renaissance in India, rise of nationalism in India	
	• Freedom movement, attainment of independence, Partition of India	
	• Challenges before independent India	
	• We and our society	
	• Rural and urban society and lifestyle: rural and urban self-governance	
	• District administration	
	• Our Constitution: Central and State government systems	
	• Democracy in India	
	• National security and foreign policy, global community and India	
	• Civil defence, traffic safety	
	• Disability	
	• Solar system, Earth as a globe, locating places on Earth, movements of the Earth	
	• Map-making, the four spheres of Earth, lithosphere, structure of the Earth, major landforms	
	• India in the world, physical features of India, soil, use and importance of fertilizers, vegetation and wildlife, climate of India, economic resources of India, transport, trade and communication	
	• Uttar Pradesh - location in India, political divisions, climate, soil, vegetation and wildlife, agriculture, minerals	
	• Industries and occupations, population and urbanization	
	• Atmosphere, hydrosphere	
	• Major natural regions of the world and human life	
	• Mineral resources, industries and occupations	
	• Indian economy and its challenges	
	• Environment, natural resources and their utility	
	• Natural balance, use of resources	
	• Effect of population growth on environment, environmental pollution	
	• Waste management, disasters, environmentalists, awards in the field of environment, environment day, environment calendar	
	 Mathematics	• Natural numbers, whole numbers, rational numbers
		• Integers, brackets, LCM and HCF
		• Square root, cube root, identities
		• Algebra - concept of variables, constants, powers of variables
		• Addition, subtraction, multiplication and division of algebraic expressions; terms and coefficients of terms, like and unlike terms; degree of expressions; concepts of monomials, binomials and trinomials
		• Simultaneous equations, quadratic equations, linear equations
• Parallel lines, construction of quadrilaterals, triangles		
• Circle and cyclic quadrilateral, tangents to a circle		

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Super TET Junior Teacher (6 - 8)

Exam Pattern

Section	Subject Matter	Marks
Section I	General Knowledge (Compulsory)	30
Section II	(a) Language Teacher: Choose one of Sanskrit/Hindi/English (b) Social Studies Teacher: Social Studies (c) Science & Maths Teacher: Science & Mathematics (Candidate selects only one option – a, b, or c)	90

Key Details

- Duration : 2 hours (120 minutes)
- Total Questions : 120
- Negative Marking : 1 mark deducted for each wrong answer
- A B

C D

All questions are MCQs with 4 options, each carrying 3 marks
- Question paper will be bilingual (Hindi and English)



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Syllabus

Subject	Topic
 Mathematics (Continued)	● Ratio, proportion, percentage, profit & loss, simple interest, compound interest
	● Statistics - classification of data, pictograph, mean, median and mode, frequency
	● Pie chart and bar chart, diagrams of grouped data
	● Probability graphs, bar diagram, and mixed bar diagrams
	● Mensuration (surface area and volume), exponents, trigonometry
 Science	● Science in daily life, important discoveries, importance of humans, science and technology
	● Fibres and fabrics, from fibres to fabrics (process)
	● Living and non-living matter - living world, classification of organisms, classification of plants and animals, adaptation in organisms, variation in animals and plants
	● Structure and function of animals
	● Microorganisms and their classification, diseases caused by them and their prevention
	● From cell to organ systems
	● Adolescence, disability
	● Food, health, hygiene and diseases, crop production, nitrogen cycle
	● Nutrition in animals, nutrition in plants, reproduction, beneficial plants
	● Respiration and excretion in organisms, beneficial animals
	● Nutrition, vitamins, hormones and mineral salts
	● Measurement, electric current, magnetism, motion, force and machines
	● Energy, sound, static electricity, light and optical instruments
	● Air - properties, composition, necessity, utility, ozone layer, greenhouse effect
	● Water - necessity, utility, sources, properties, pollution, water conservation
	● Matter, groups of matter, separation of matter, structure and nature of matter
	● Acids, bases, salts
	● Heat and temperature
	● Man-made objects - plastic, glass, soap, pottery
	● Minerals and metals, carbon and its compounds
	● Alternative sources of energy
	● Periodic table, structure of blood, blood groups and precautions in blood transfusion