



Chandigarh JBT Syllabus 2024

Subject	Chandigarh JBT Syllabus 2024
General Awareness	Countries and Capitals. National and international current affairs. Indian Culture. International issues. National news (current). Economic issues in India Famous Places in India Science and innovations. New inventions. Scientific observations. History of India. Geography of India. Political Science World organizations. About India and it's neighbouring countries
Reasoning Ability	Analogy Series Completion Verification of truth of the Statement Situation Reaction Test Direction Sense Test Classification Data Sufficiency Alpha- Numeric Sequence Puzzle Puzzle Test Blood Relations Coding- Decoding Assertion and Reasoning Arithmetical Reasoning Operations of Mathematics Venn Diagrams Word Sequence

	Missing Characters Sequential Output training Directions Test on Alphabets Eligibility Test Dot Situation Identical figure groupings Forming figures and analysis Construction of squares and Triangles Series Analytical Reasoning Paper Folding Paper Cutting Cubes and Dice Water Images Mirror Images Figure Matrix Completion Incomplete Pattern Spotting embedded figures Classification Rules Detection
Numerical Ability	Time and Work Partnership Ratio and Proportion Boats and Streams Simple Interest Time and Distance Quadratic Equations Indices and Surds Mensuration Races and Games Areas
Teaching Aptitude	Theoretical Perspectives on Learning - Behaviorism, Cognitivism and Constructivism with special reference to their implications for: The role of teacher The role of the learner Nature of teacher-student relationship Choice of teaching methods Classroom environment Understanding of discipline, power etc.

	Factors affecting learning and their implications for: Designing classroom instructions, Planning student activities etc.
Information and Communication Technology	Important Terms & Computer Basics Paint Brush Use About Desktop and Computer Peripherals Word Processor and important terms related to it Formatting Word Document, Internet Computer History Word Processor Exploring Windows PPT or Powerpoint Presentation, etc. Computer History
Test of English Language and Comprehension	Verb and its types Tenses and their forms Voice (Active Voice and Passive Voice) Subject-Verb Agreement Unseen Passages Vocabulary Antonyms Synonyms, Grammar Idioms & Phrases, etc. Articles Comprehension Fill in the Blanks Adverb Error Correction Sentence Rearrangement
Test of Hindi Language and Comprehension	Antonyms Translation of Sentences Fill in the Blanks Plural Forms etc. Vocabulary Grammar Synonyms, Comprehension Error Detection Phrases or Muhavare

Test of Punjabi Language and Comprehension	Antonyms Translation of Sentences Fill in the Blanks Plural Forms etc. Vocabulary Grammar Synonyms, Comprehension Error Detection Phrases or Muhavare
Mathematics	Averages Simple Equations Numbers and Ages Mixtures and Allegations Pipes and Cisterns Problems on Numbers Compound Interest Volumes Profit and Loss Odd Man Out Problems on Trains Problems on L.C.M and H.C.F Percentages Probability Simplification and Approximation Permutations and Combinations
General Science	Natural Products and Drugs Nuclear Chemistry Chemical Kinetics and Thermodynamics Organic reaction mechanism and Stereochemistry Organometallic compounds, Bioinorganic chemistry, and Polymers Electrochemistry Analytical Chemistry and Instrumental methods Poisons and Pesticides Quantum Chemistry
Social Science	Family and Friends Work and Play Animals Plants Food Learning Principles

	Significance of EVS Integrated EVS Experimentation/ Practical Work Scope & Relation to Science & Social Science Approaches of Presenting Concepts Discussion and Activities Shelter Travel and Water Environmental Studies Teaching Material Aids Problems
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