

SYLLABUS FOR THE POST OF JBT

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| 1 | General Awareness | History, Cultural Geography, Current Affairs Economic Scenario, General Policies, Scientific Research, Sports. |
| 2 | Reasoning Ability | Analogy, Syllogism, Related to Blood Relation, Related to Directions, Arithmetic Reasoning, Visual Reasoning, Paper folding: Unfolding questions, Alphabet test. |
| 3 | Arithmetical and Numerical Ability | Missing no., series completion, Mensuration-length, Area, volume, Distance and Speed, Fraction and ratios, Geometry, Percentage. |
| 4 | Teaching Aptitude | Learning Environment, Instructional facilities-support material, Pedagogy of teaching, Inclusive teaching, Digital Modes (DIKSHA, Swayam Prabha),ICT based teaching, New Education Policy (NEP) 2020 and National Curriculum Framework (NCF). |
| 5 | Information & Communication Technology (ICT) | Introduction of computer, Introduction of GUI Based rating system, Elements of word Processing, Spreadsheets, Computer Communication and Internet, WWW and Web Browsers, Communication and Collaboration, Making Small Presentations. |
| 6 | Test of Punjabi Language and Comprehension | Fill in the Blanks, Synonyms/Homonyms, Antonyms Spelling /Detecting Mis Spelt Words, Active/Passive Voice, Verbs, Idioms & Phrases, One word substitutes, Unseen passage – comprehension. |
| 7 | Test of Hindi Language and Comprehension | Fill in the Blanks, Synonyms/Homonyms, Antonyms Spelling /Detecting Mis Spelt Words, Active/Passive Voice, Verbs, Idioms & Phrases, One word substitutes, Unseen passage – comprehension. |
| 8 | Test of English Language and Comprehension. | Fill in the Blanks, Synonyms/Homonyms, Antonyms Spelling /Detecting Mis Spelt Words, Active/Passive Voice, Verbs, Idioms & Phrases, One word substitutes, Unseen passage – comprehension. |
| 9 | Mathematics | Number System, Algebra, Geometry, Trigonometry, Mensuration, Statistics and Probability, Data Handling, Ratio and Proportion, Symmetry, Visualizing Solid Shapes, Comparing Quantities, Exponents and Powers, Square and Square Roots Cube and Cube Roots, Direct and Inverse Proportion. |
| 10 | General Science | Motion and Laws of Motion, Gravitation and Gravity, work and Energy, Force and Pressure, Electricity and Magnetism, Light-reflection, refraction, Physical and Chemical changes, Structure of atom, Metal and Non metals (Digestive, Respiratory, Circulatory, Excretory system) in plants and animals, Improvement in food resources (Crop production and Management). |
| 11 | Social Science | Rise, growth and decline of Harappan civilization, Vedic Civilization, Mauryan Empire its history and Culture, Gupta Dynasty, Rise of the 1st Indian Independence Movement (1857), Social Reforms in the Indian society during the colonial period, the French Revolution, Russian Revolution, India-Physical features, climate, Agriculture and Population, The Indian Constitution-Fundamental Rights & Duties, Indian Democracy, Sectors of Indian Economy. |