

## Syllabus for BITSAT-2024

### Part III: (a) English Proficiency and (b) Logical Reasoning

#### (a) English Proficiency

This test is designed to assess the test takers' general proficiency in the use of English language as a means of self-expression in real life situations. It specifically tests the test takers' knowledge of basic grammar, their vocabulary, their ability to read fast and comprehend, and also their ability to apply the elements of effective writing.

##### 1. Grammar

- 1.1 Determiners, Prepositions, Modals, Adjectives, Relative Pronouns
- 1.2 Agreement, Time and Tense
- 1.3 Parallel Construction
- 1.4 Voice, Transformation
- 1.5 Question Tags, Relative Clauses

##### 2. Vocabulary

- 2.1 Odd Word, One Word, Spelling & Word Formation, Homophones
- 2.2 Contextual Meanings of Vocabulary (Definitions, Academic Vocabulary, Connotation)
- 2.3 Synonyms, Antonyms, Collocations
- 2.4 Phrasal Verbs & Idioms
- 2.5 Analogy

##### 3. Reading Comprehension

- 3.1 Content/Ideas (Finding Main Ideas, Reaching Conclusions Using Supporting Evidence, Anticipation of Ideas, Distinguishing Facts from Opinions)
- 3.2 Vocabulary (Figurative Usage: Metaphors and Similes; Select CLOZE)
- 3.3 Summary (Findings from Options the Correct Summary)
- 3.4 Referents
- 3.5 Reorganization of Information (Jigsaw Reading)

##### 4. Composition

- 4.1 Rearrangement (Word Order; Logical Organization of Paragraph)
- 4.2 Paragraph & Unity (Identifying the Correct Topic Sentence;)
- 4.3 Linkers/Connectives

#### (b) Logical Reasoning

The test is given to the candidates to judge their power of reasoning spread in verbal and nonverbal areas. The candidates should be able to think logically so that they perceive the data accurately, understand the relationships correctly, figure out the missing numbers or words, and apply rules in novel contexts. These indicators are measured through performance on such tasks as detecting missing links, following directions, classifying words, establishing sequences, and completing analogies.

##### 5. Verbal Reasoning

- 5.1 **Analogy:** Analogy means correspondence. In the questions based on analogy, a particular relationship is given and another similar relationship has to be identified from the alternatives provided.
- 5.2 **Classification:** Classification means to assort the items of a given group on the basis of certain common quality they possess and then spot the odd option out.
- 5.3 **Series Completion:** Here series of numbers or letters are given and one is asked to either complete the series or find out the wrong part in the series.
- 5.4 **Logical Deduction:** Reading Passage: Here a brief passage is given and based on the passage the candidate is required to identify the correct or incorrect logical conclusions.
- 5.5 **Chart Logic:** Here a chart or a table is given that is partially filled in and asks to complete it in accordance with the information given either in the chart / table or in the question.

## 6. Nonverbal Reasoning

- 6.1 **Pattern Perception:** Here a certain pattern is given and generally a quarter is left blank. The candidate is required to identify the correct quarter from the given options.
- 6.2 **Figure Formation and Analysis:** Here the candidate is required to analyze and form a figure from the various given parts.
- 6.3 **Paper Cutting:** Here the candidate analyses a pattern that is formed when a folded piece of paper is cut into a definite design.
- 6.4 **Figure Matrix:** Here the candidate is given more than one set of figures in the form of a matrix, which follow the same rule. The candidate is required to follow the rule and identify the missing figure.
- 6.5 **Rule Detection:** Here a particular rule is given and the candidate is required to select from the given sets of figures, a set of figures, which obey the rule and form the correct series.