

## **Syllabus for Written Examination for Recruitment of Junior Assistants**

1. General English up to Graduation level – 60 marks (30 questions × 2)
2. General Knowledge and Current Affairs – 40 marks (20 questions × 2)
3. General Mathematics up to H.S.C. Standard – 40 marks (20 questions × 2)
4. Reasoning and Mental ability – 60 marks (30 questions × 2)

### **(A) Detailed syllabus in General English**

- (i) Verbs: Tenses, Modal, Active and Passive voice, Subject-verb Agreement, non-finite verb forms (infinitives and participles)- (8 questions)
- (ii) Sentence structure: Connectors, Types of Sentences, Types of phrases and clause, Direct and Indirect speech, Degree: Comparative and Superlative-(8 questions)
- (iii) Other areas: Articles, Nouns, Adverbs, Adjectives, Prepositions-(7 questions).
- (iv) Unseen passage (400-450 words in length) with a variety of comprehension questions including vocabulary-(7 questions)

### **(B) Detailed syllabus in General Knowledge and Current Affairs**

- (i) Matching Historical events with dates, personalities and places (3 questions)
- (ii) Geographical facts with places (3 questions)
- (iii) States, Countries and Institutions with Headquarters (3 questions)
- (iv) Books and authors (3 questions)
- (v) Scientific facts and discoveries with dates, persons and uses (2 questions)
- (vi) Current events with places and personalities (3 questions)
- (vii) Matching questions of miscellaneous type (3 questions)

### **(C) Detailed syllabus in General Mathematics**

- (i) Fractions and decimals (1 question)
- (ii) Number System (1 question)
- (iii) HCF , LCM and Remainder(2 questions)
- (iv) Squares and Square Roots (1 question)
- (v) Cubes and Cube Roots (1 question)
- (vi) Percentage and Averages (1 question)
- (vii) Simple Interest and Compound Interest (2 questions)
- (viii) Profit, Loss and Discount (2 questions)
- (ix) Mixtures (1 question)

- (x) Partnership (1 question)
- (xi) Ratio and Proportion (2 questions)
- (xii) Rates and Taxes, Insurance (2 questions)
- (xiii) Problems on time and work (1 question)
- (xiv) Statistics (1 question)
- (xv) Problems on Time and Distance (1 question)

**(D) Reasoning and Mental Ability**

- (i) Numerical Ability (8 questions)
- (ii) Reasoning (8 questions)
- (iii) Aptitude Test (7 questions)
- (iv) Problem Solving and Decision Making (7 questions)

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