

Exam Pattern

Name of the Subjects	Maximum Marks	Total No. of Questions	Time Duration
General Mathematics	20	20	1 hour 15 minutes
General English	20	20	
General Knowledge	10	10	
Reasoning	50	50	
Total	100	100	

Syllabus

General Mathematics

- Profit and loss
- Simple Interests
- Compound Interests
- Number systems
- Basic mathematical operations
- Percentages
- Averages
- Law of exponents
- Progressions
- Time and Distance
- Time and Work
- Ratio and Proportion
- Mensuration
- Volumes
- Area
- Total Surface Area

Reasoning

- Series
- Sense of Direction
- Time and Angles
- Problems on Mathematical sign
- Analogy
- Word Analogy,
- Alphabet Analogy
- Number Analogy

- Odd Man Out
- Time in a clock and its reflection
- Date and Calendar
- Clerical Ability
- Coding and Decoding
- Family Relation

General Knowledge

- Geography
- Indian History
- Indian Polity
- Awards and Honours
- Basic facts about Kerala
- Geography, History, Industries in Kerala
- River systems and mountain ranges in India
- States and Union Territories
- Medieval India, First war of Independence, Indian Independence History
- Famous books and authors
- Athletes
- Sports
- Games
- Polity
- Economics
- Science
- Literature
- Art and Culture
- Current Affairs
- National Parks
- Biospheres
- Basics of Human Organs
- Five-year plans
- Chemistry in everyday life
- Work and Energy, Power, Electricity
- Heat and Temperature
- Banking and Insurance
- Forest Resources
- Environment and Pollution
- Solar System
- Sound and Light
- Different Schemes
- Human Rights Act
- Human Rights Commissions
- SC/ ST acts, SC/ ST commissions
- Women Protection bills
- commissions

- Atom and its structures
- Ores and Minerals
- Elements and their groups
- Vitamins and Diseases
- Disease and Carriers
- Important Agricultural Schemes in Kerala
- Important Crops in Kerala

General English

- Types of Sentences
- Interchange of Sentences
- Parts of Speech
- Word Formation
- Compound words
- Synonyms
- Antonyms
- Phrasal Verbs
- Foreign Words and Phrases
- One Word Substitutes
- Words often confused,
- Spelling Test
- Idioms and their Meanings
- Agreement of Verb and Subject
- Confusion of Adjectives and Adverbs
- Comparison of Adjectives
- Articles
- Definite and Indefinite Articles
- Uses of Primary and Modal Auxiliary Verbs
- Tag Questions
- Infinitive
- Gerunds
- Tenses
- Tenses in Conditional Tenses
- Adverbs and Position of Adverbs
- Prepositions
- Conjunctions
- Interjections
- Error spotting
- The Use of Correlatives
- Direct and Indirect Speech
- Active and Passive voice
- Correction of Sentences
- Singular and Plural
- Change of Gender
- Collective Nouns

