

S.S. Jain Subodh P.G. College
Autonomous Scheme
B.A / B.SC. /B.Com./Hons. V- Semester
Mental Ability and Reasoning
Nodal Department: Mathematics

Scheme of Examination

Paper Code	Paper Title	Credits	Max. Marks	Min. Marks
	Mental Ability and Reasoning	02	50	20

Internal Assessment: 15 Marks

End Semester Examination: 35 Marks

Time Duration: 2 hours

Total: 50 Marks

Paper Pattern:

Paper will have 35 multiple choice questions and remaining 15 marks based on Assignment will be evaluated.

Objective:

Mental ability tests also known as aptitude tests are used to evaluate a student's cognitive and intellectual capabilities and are often used in employment settings. The purpose of these tests is to assess a student's overall intellectual ability, rather than their specialized knowledge or skills. Mental ability tests can also be used in professional development settings to help student identify their strengths and weaknesses and choose the right career path. The tests can include a variety of question categories such as verbal, abstract, spatial and numerical reasoning. In simple terms this test check the mental capacity of the student to think critically and logically.

Syllabus:

Quantitative Aptitude:

Numbers, Simplifications, HCF & LCM. Percentage, Average, Ratio & Proportion, Profit & Loss, Time & Work, Time & Distance

Verbal Reasoning Topics:

Number Series, Letter & Symbols Series, Statement and Arguments, Alphabet Test, Blood Relations, Coding –Decoding, Ranking Arrangement, Schedule day & Date, Data Analysis, Venn Diagram.

Non Verbal Reasoning Topics:

Making Series / Analogy, Classification, Series Test, Odd Figures, Mirror Image.

References:

- **A Modern Approach to Verbal and Non Verbal Reasoning**, R.S. Agarwal, S. Chand Publications
- **Quantitative Aptitude for Competitive Examinations (English)** R.S. Agarwal, S. Chand Publications
- **Naveen Ankganit (Hindi)**, R.S. Agarwal, S. Chand Publications
- **Logical Reasoning and Data Interpretation**, Pearson Guides, Nishit Sinha
- **Quantitative Aptitude and Reasoning**, Second Edition by Praveen Published by PHI Learning Pvt. Ltd.