

SES's L.S. RAHEJA COLLEGE OF ARTS AND COMMERCE(AUTONOMOUS)

Syllabus for Approval	BoS meeting held on: 25-03-2025	AC meeting held on : 04-04-2025
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Board of Studies :

Sr. No.	Heading	Particulars
1	Nomenclature of the Course	Logical Reasoning & Data Interpretation II
2	Eligibility for Admission	<u>Passing Certificate of 12th</u>
3	Passing Marks for eligibility	<u>40 marks</u>
4	Regulations	College Regulations on Admission
5	Programme	<u>BCOM and BA</u>
6	Semesters	Semester: IV
7	NEP Vertical	OE
8	Credit	2
9	Level U.G/PG	<u>U.G</u>
10	Pattern	Semester
11	Status (Revised or New) If revised, % of change)	<u>New</u>
12	To be implemented from Academic Year	From the Academic Year: 2025-2026



Date:

Chairman / Chairperson:

(name & signature)

SES's L.S. RAHEJA COLLEGE OF ARTS AND COMMERCE(AUTONOMOUS)



BOARD OF STUDIES: Mathematics, Statistics and Computer

PROGRAMME: Bachelor Of Commerce , Bachelor Of Arts

SEMESTER: III

NOMENCLATURE OF THE COURSE: Logical Reasoning & Data Interpretation II

NEP Vertical: OE

Credit: 2

(As Per Choice Based Credit System (under NEP 2020) with effect from the academic year)



Programme:	BCOM and BA
Nomenclature of the Course	Logical Reasoning & Data Interpretation IV
Total Marks	50
Semester:	IV
Academic year	2025-2026

LEARNING OBJECTIVES:1. Recognize different types of Logical reasoning and Data Interpretation problems.

2.Enhance calculations skills to quickly interpret numerical and logical data.

3.Apply logical deduction to solve puzzles systematically.

COURSE OUTCOMES:

1.Analyze seating arrangement problems using logical reasoning.

2.Compare numerical and statistical data to make informed decisions.

3. Use logical reasoning to compare trends, patterns and relationships in graphical data.

Unit	Course Content	Andragogy	No of Lectures
1.	Critical Reasoning: Strengthening and weakening arguments, Inference and conclusion, Identifying assumptions, Logical fallacies.	Group Discussions and Peer Learning.	4
	Verbal Logic (4 hours): Odd one out, Analogy, Logical word sequence, Verbal classification.	Hands on Practice.	4
	Puzzles and Seating Arrangements: Linear and circular arrangements, Double lineup problems, Complex family tree puzzles, Scheduling and ordering puzzles.	Self-Directed Learning.	4
	Data Sufficiency (3 hours): Concept and approach, Numerical data sufficiency, Logical data sufficiency		3
2.	Complex Graphical Data : Multiple line graphs, stacked bar charts, Bubble charts, Area graphs	Hands on learning	4
	Data Comparison and Analysis : Year-on-year growth, Market share analysis, Trend analysis, Forecasting	Group Activities	4
	Integrated Reasoning : Multi-source reasoning, Two-part analysis, Graphics interpretation, Table analysis		4
	Probabilistic and Statistical Reasoning: Basic probability concepts, Permutations and combinations, Measures of central tendency, Standard deviation and variance	Real-World Applications .	3

SUGGESTED READINGS

Reference Books:

1. Arun Sharma. (Latest Edition). How to Prepare for Logical Reasoning for the CAT.
2. R.S. Aggarwal. (Latest Edition). A Modern Approach to Verbal & Non-Verbal Reasoning.
3. Nishit K. Sinha. (Latest Edition). Logical Reasoning and Data Interpretation for the CAT.
4. Trishna Knowledge Systems. (Latest Edition). Quantitative Aptitude & Data Interpretation for the CAT.

QUESTION PAPER PATTERN

(A) FOR CONTINUOUS EVALUATION

RUBRICS FOR CONTINUOUS EVALUATION

Total : 20 marks

1. **Internal test of 10 marks will be conducted.**
2. **Assignment ,Class Participation for 10 marks**

(B) QUESTION PAPER PATTERN FOR SEMESTER END EXAMINATION

Total : 30marks

Q1 Answer any three out of the following Four questions (based on Module I) 5*3=15

Q2 Answer any three out of the following Four questions (Based on Module II) 5*3=15