

QUANTITATIVE APTITUDE

Periods per week: 2

Total periods: 30

Course code: LSC T14

Course Objective:

Intended to inculcate quantitative analytical skills and reasoning as an inherent ability in students.

Course Outcomes:

After successful completion of this course, the student will be able to;

Understand the basic concepts of arithmetic ability, quantitative ability, logical reasoning, business computations and data interpretation and obtain the associated skills.

Acquire competency in the use of verbal reasoning.

Apply the skills and competencies acquired in the related areas

Solve problems pertaining to quantitative ability, logical reasoning and verbal ability inside and outside the campus.

UNIT – 1: (10 Periods)

Arithmetic ability: Algebraic operations BODMAS, Square roots and Cube roots, Fractions, Divisibility rules, Unit digit, Total number of factors, LCM & GCD (HCF).

UNIT – 2: (10 Periods)

Quantitative aptitude: Averages, Ratio and proportion, Problems on ages, Time, distance & speed, Problems on Trains.

Business computations: Percentages, Profit & loss, Partnership, simple and compound interest, Time & work, Allegations or Mixture.

UNIT – 3: (10 Periods)

Data Interpretation: Tabulation, Bar Graphs, Pie Charts, Line graphs.

Text Books:

1. Quantitative Aptitude for Competitive Examination by R.S. Agrawal, S.Chand Publications.

Reference Books:

1. Analytical skills by Showick Thorpe, published by S Chand And Company Limited, Ramnagar, New Delhi-110055

2. Quantitative Aptitude by R V Praveen, PHI publishers.

3. Quantitative Aptitude for Competitive Examination by Abhijit Guha, Tata Mc Graw Hill Publications.

Links:

1. <https://www.indiabix.com/>
2. <https://www.adda247.com/>
3. https://www.smartkeeda.com/test/Quantitative_Aptitude/R_Updated/all/

❖ 10 marks for surprise tests/online tests

❖ 40 marks for semester end examination (objective type). Each question carries half mark only.

Class :

Course Code :

Roll No.	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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2023 22		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2023 23		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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2023 31		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2023 32		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2023 33		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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2023 36		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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2023 46		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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2023 48		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
2023 49		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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REASONING

Periods per week: 2

Total periods: 30

Course code: LSC T15

Course Objective:

Intended to inculcate quantitative analytical skills and reasoning as an inherent ability in students.

Course Outcomes:

After successful completion of this course, the student will be able to;

Understand the basic concepts of arithmetic ability, quantitative ability, logical reasoning, business computations and data interpretation and obtain the associated skills.

Acquire competency in the use of verbal reasoning.

Apply the skills and competencies acquired in the related areas

Solve problems pertaining to quantitative ability, logical reasoning and verbal ability inside and outside the campus.

UNIT – 1: (10 Periods)

- Number Series
- Letter series
- Odd man out
- Analogy
- Alpha-numeric series.

UNIT – 2: (10 Periods)

- Coding &Decoding
- Blood relationship
- Clocks
- Calendars.

UNIT – 3: (10 Periods)

- Directions
- Seating arrangements
- Puzzles
- Ranking test.

Text Books:

1. Verbal Reasoning for Competitive Examination by R.S. Agarwal, S.Chand publications.

Reference Books:

1. Arihant's A New Approach to Reasoning by BS Sijwali, Indu Sijwali.
2. Quantitative Aptitude and Reasoning by R V Praveen, PHI publishers.
3. Arihant's How to crack test of Reasoning by Jaikishan, Premkishan.

Links:

1. <https://www.indiabix.com/>
2. <https://www.adda247.com/>
3. https://www.smartkeeda.com/test/Quantitative_Aptitude/R_Updated/all/

❖ 10 marks for surprise tests/online tests

❖ 40 marks for semester end examination (objective type).Each question carries half mark only.

Class : AGE

Course Code : LSCT15

Roll No	Name of the Student	Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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213102			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Title of the Paper : Reasoning

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