COURSE TITLE	**QUANTITATIVE & LOGICAL ABILITY-1**
COURSE CODE	**01CR0303**
COURSE CREDITS	**0**

Objective:

1 This course shall enrich students' preparedness for the upcoming competitive exams, entrance test, and/or placements. This course will also enhance students' logical and verbal reasoning skills, decision making skill, and comprehension skill.

2 This course shall enrich students' preparedness for the upcoming competitive exams, entrance test, and/or
placements.

3 It will enhance the numerical skills of the students through the group interactions, practice sessions, and videos.

Course Outcomes: After completion of this course, student will be able to:

1 Inculcate smart approach in logical problem solving.

2 Build a strong base in the fundamental logical concepts.

3 Grasp the approaches and strategies to solve problems with speed and accuracy.

4 Use logical deductions to make effective decisions.

5 Categorize various types of questions in terms of difficulty levels

Pre-requisite of course: Basic Knowledge of English Language

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
1	0	0	50	0	0	0	50

Contents : Unit	Topics	Contact Hours
1	**QUANTITATIVE & LOGICAL ABILITY-1** Introduction and Pre - Assessment Test, Calendar, Clock, Class Test 1 and doubt solving session, Direction Senses, Blood Relations, Series, Class Test 2 and doubt solving session , Coding & Decoding, Puzzles, Cubes & Dices, Class Test 3 and doubt solving session	14
Total Hours		**14**

Textbook :

1 Analytic Reasoning, By M K Pandey, BSC Publishing Co. Pvt. Ltd, 2018

2 Verbal and Non-Verbal Reasoning, R.S. Aggarwal, S Chand, 2019

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Textbook :

3 A New Approach to Reasoning Verbal & Non Verbal, BS SijWalii & Indu Sijwalli,, Arihant Publications India Limited, 2018

References:

1 A New Approach to Reasoning Verbal & Non Verbal, A New Approach to Reasoning Verbal & Non Verbal, BS SijWalii & Indu Sijwalli,, Arihant Publications India Limited, 2018

Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery					
Remember / Knowledge	**Understand**	**Apply**	**Analyze**	**Evaluate**	**Higher order Thinking / Creative**
10.00	15.00	40.00	35.00	0.00	0.00

Instructional Method:

1 The course delivery method will depend upon the requirement of content and need of students.

2 The trainer shall train students through interactions, demonstration, brainstorming, group tasks, assignments and quizzes etc.

3 Students will use supplementary resources such as online videos and books.

4 The trainer shall train students through ppts, worksheets and marker board.

Supplementary Resources:

1 www.indiabix.com

2 www.careerbless.com

3 www.allindiaexams.com

4 www.freshersworld.com

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