

Syllabus for Quantitative Aptitude

Total session-33

At the end of course, the students will be able to		
Course Outcome(CO)		Knowledge Level
CO 1	To assessment of fundamental skills and knowledge, which are often considered essential for wide range of careers.	K1
CO 2	To develop problem solving abilities which are valuable in everyday life and in many jobs role.	K4
CO 3	To develop cognitive and decision making ability through synthesizing data and information.	K2
CO 4	To enable and equip the students ethical and analytical skill development through practical problems like cost and profit analysis.	K5
CO 5	The course is intended to project and enhance the presentation and argumentation skills in the team with value based leadership.	K4

Part- 1 Mental Ability

Unit	Topic	Proposed Lecture
I	Coding-decoding, Alphabet test, Analogy, Ranking Test, Word Formation, Direction Test, Blood Relation. Sitting Arrangement, puzzle, Number Series, Calendar, Clock, Input -output.	05
II	Cube, Dice, Cuboid, Matrix, Assumption, Statement Argument, Statement Conclusion, Inference, Syllogism, Mirror Image, Water Image.	05
III	Venn-diagram, Analogy, Series completion of figure, Embedded figure, Paper cutting, Paperfolding.	05

Part- 2 Mathematical Aptitude

Unit	Topic	Proposed Lecture
I	Number System, H.C.F and L.C.M, Fraction, Average, Ratio and Proportion, Simple Interest, Compound Interest.	06
II	Percentage, Profit and Loss, Discount, Share and dividend, Time and work, Speed and Distance.	06
III	Concept of Menstruation, Basic Concept of Algebra, Concept of Geometry.	06

Reading books:

1. General Intelligence and Reasoning ,by K.P \Singh, A unit of viva books private limited
2. Analytical Reasoning by M.K Pandey B.sc Publishing co pvt.ltd
3. Quantitative Aptitude by Dr R.S Aggarwal ,S CHAND
4. S.D Yadav, Sharda pustak bhawan prayagraj

Approved by Academic council and forwarded to HOD, management & HOD computer application for implementation of above given syllabus
Patel