

ANNEXURE 'B'

IFTM UNIVERSITY
School of Business Management
Module for Aptitude Test



Many Government and Private sectors conduct aptitude tests as a part of their recruitment process to test analytical and logical reasoning skills of the applicants. Hence this program is specially designed to prepare students for the Aptitude tests and excel the toughest challenges in the professional world. This program covers topics like Quantitative aptitude and Logical reasoning, which is highly interactive and is designed to give students the much needed edge in positioning them ahead of the curve in today's highly competitive world.

The goal of this program is to help students to prepare for Aptitude tests that assess reasoning through a set of practical sessions. This program is divided in two modules namely i) Quantitative Aptitude and ii) Logical Reasoning and will take approximately 30 hours (15 hours for each module) from start to finish, and will be complete in 20 days. Students are required to take notes during the sessions as there are quiz questions at the end of each module.

After completing the 30 hours of the both the module, the course students will be able to:

- Hone the concepts of Quantitative ability and reasoning skills;
- Excel the complex reasoning round of the interviews;
- Learn some Aptitude shortcut tricks
- Enhance their cognitive mind to act quickly and efficiently in the given complex situation

We hope that through this course the students will gain the required knowledge and demonstrate the skills learnt.

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[Module Facilitator]

1. Quantitative Aptitude–Sub-Module I of Aptitude Test



Overview

Quantitative Aptitude simply means the ability of an individual to solve numerical and mathematical calculations. It assesses the capability of playing with numbers in a logical manner. This is very often required in most of the competitive exams. At the end of this sub-module, participants will be able to familiarize themselves with aptitude and quantitative techniques.

Sib-Module I Objectives

- To understand the over-all nature of subject;
- To study basic concepts behind each topic;
- To learn the shortcuts and tricks to solve the questions;
- To practice and improve the time required for paper solving.

Sub-Module I Outcomes

After completing the 15 hours module on the Quantitative Aptitude, the course students will be able to:

- Solve the problems using basics of the topic;
- Solve the questions with greater accuracy;
- Use the shortcuts, tricks and techniques to increase their speed of question solving.

2. Logical Reasoning: Sub-Module II of Aptitude Test



Overview

Logical reasoning tests are designed to measure candidate's ability to draw logical conclusions based on statements or arguments, and to identify the strengths and weaknesses of those arguments. These questions are one of the most important sections of the campus placement exams, competitive and entrance exams for government, bank and IT Jobs.

Sub-Module II Objectives

- This module aims to give knowledge to students with the gamut of skills of logical reasoning which facilitate them to enhance their employability quotient and do well in the professional space.
- These skills are imperative for students to establish a stronger connect with the environment in which they operate.
- An understanding of these skills will enable students to manage the placement challenges more effectively.

Sub-Module II Outcomes

After completing the 15 hours Course on the Logical Reasoning, the course students will be able to:

- Understand the basic concepts of Logical Reasoning;
- Solve campus placements aptitude papers;
- Compete in various competitive exams like CAT, CMAT, GATE, GRE, GATE, UPSC, GPSC, etc.

Module Structure

S.No.	Objectives	Topics Covered	Hours
A) QUANTITATIVE APTITUDE			
1	✓ Thinking critically and applying basic mathematics skills to interpret data; ✓ Enhance the problem solving skills; ✓ Develop proficiency in numerical ability; ✓ Learn the shortcuts and tricks to solve the questions, thus help in reducing time and calculation; ✓ Having all types of questions being asked in different competitive examinations.	➤ Work and Time ➤ Time & Speed	1.5
2		➤ Profit and Loss ➤ Simple Interest and Compound Interest	1.5
3		➤ Mixtures & Alligations ➤ Age Problems	1.5
4		➤ Averages, Percentages, Ratio & Proportions	2
5		Mock Test 1	1
6		➤ Data Interpretation	1.5
7		➤ Probability ➤ Permutation and Combination	2
8		➤ Sequence & Series	1.5
9		Mock Test 2	1
10		MCQ Test on Aptitude Test- Quantitative Aptitude	
B) LOGICAL REASONING			
11	✓ Understand the importance of critical thinking; ✓ Identify the core skills associated with critical thinking; ✓ Demonstrate the difference between deductive and inductive reasoning; ✓ Identify logical fallacies, ambiguities, and confusions introduced by the use of natural language.	➤ Alphabets ➤ Direction and Distance	1.5
12		➤ Inequality	1.5
13		➤ Blood Relations	1.5
14		➤ Seating Arrangements	1.5
15		Mock Test 1	1
16		➤ Coding-Decoding Techniques	1.5
17		➤ Puzzles Problems	2
18		➤ Syllogism	1.5
19		Mock Test 2	1
20		MCQ Test on Aptitude Test –Logical Reasoning	
21	Review & Feedback		1