

BSTS101P	Quantitative Skills Practice I	L	T	P	C
		0	0	3	1.5
Pre-requisite	Nil	Syllabus version			
		1.0			
Course Objectives:					
<ol style="list-style-type: none"> To enhance the logical reasoning skills of the students and help them improve problem-solving abilities To acquire skills required to solve quantitative aptitude problems To boost the verbal ability of the students for academic and professional purposes 					
Course Outcomes:					
<ol style="list-style-type: none"> Exhibit sound knowledge to solve problems of Quantitative Aptitude Demonstrate ability to solve problems of Logical Reasoning Display the ability to tackle questions of Verbal Ability 					
Module:1	Logical Reasoning	5 hours			
Word group categorization questions					
Puzzle type class involving students grouping words into right group orders of logical sense					
Cryptarithmic					
Module:2	Data arrangements and Blood relations	6 hours			
Linear Arrangement - Circular Arrangement - Multi-dimensional Arrangement - Blood Relations					
Module:3	Ratio and Proportion	6 hours			
Ratio - Proportion - Variation - Simple equations - Problems on Ages - Mixtures and alligations					
Module:4	Percentages, Simple and Compound Interest	6 hours			
Percentages as Fractions and Decimals - Percentage Increase / Decrease - Simple Interest - Compound Interest - Relation Between Simple and Compound Interest					
Module:5	Number System	6 hours			
Number system- Power cycle - Remainder cycle - Factors, Multiples - HCF and LCM					
Module:6	Essential grammar for Placement	7 hours			
<ul style="list-style-type: none"> Prepositions Adjectives and Adverbs Tense Speech and Voice Idioms and Phrasal Verbs Collocations, Gerunds and Infinitives Definite and Indefinite Articles Omission of Articles Prepositions Compound Prepositions and Prepositional Phrases Interrogatives 					
Module:7	Reading Comprehension for Placement	3 hours			
Types of questions - Comprehension strategies - Practice exercises					
Module:8	Vocabulary for Placement	6 hours			
Exposure to questions related to Synonyms – Antonyms – Analogy - Confusing words - Spelling correctness					
Total Lecture hours:					45 hours
Text Book(s)					
1.	SMART. (2018). <i>Place Mentor 1st</i> (Ed.). Chennai: Oxford University Press.				
2.	Aggarwal R.S. (2017). <i>Quantitative Aptitude for Competitive Examinations 3rd</i> (Ed.). New Delhi: S. Chand Publishing.				

3.	FACE. (2016). <i>Aptipedia Aptitude Encyclopedia</i> 1 st (Ed.). New Delhi: Wiley Publications.		
4.	ETHNUS. (2016). <i>Aptimithra</i> , 1 st (Ed.) Bangalore: McGraw-Hill Education Pvt. Ltd.		
Reference Books			
1.	Sharma Arun. (2016). <i>Quantitative Aptitude</i> , 7 th (Ed.). Noida: McGraw Hill Education Pvt. Ltd.		
Mode of evaluation: CAT, Assessments and FAT (Computer Based Test)			
Recommended by Board of Studies		28.06.2021	
Approved by Academic Council		No. 63	Date 23.09.2021