

 VIT[®] BHOPAL www.vitbhopal.ac.in		Lateral Thinking	Course Type	LT
Course Code PLA1006			Credits	2
Prerequisite:				
Module	Topics to be discussed			No. of hours
1	Classification of Numbers & Multiplication by SAW method, Oz method, Working with different efficiency, Finding squares by mirrors method, Finding squares by minions method, Simplifications, Power cycle and reminder cycle, Working with Same efficiency, Divisibility rules, LCM , HCF and it's applications, Basic percentages, percentage increase and decrease, SI , CI and relation between SI and CI, Pipes and Cistern, Profit and loss terminologies and calculations, Partnership and weighted averages, Division of wages			8
2	DI-Single charts, DI - Multiple charts, Data Sufficiency, Ratios and proportion, Data Arrangements, Synonyms & Antonyms, Problems on ages, Analogies & Spell check, Homophones, Homonyms and Heteronyms.			6
3	Working with efficiencies and Pipes and cisterns, Mixtures and allegation, Work equivalence or Man days, Division of wages, Clocks, Crptyarithmetic, Calendars			4
4	Basics of Time speed and distance, Average speed and relative speed, Effective speed and problems on trains, Problems on races, Blood relation, Pythagoras theorem, Properties of triangles, Properties of circles, Mensuration, Syllogism,			5
5	Permutations and combinations, Logical connectives, Probability, Cubes, Directions, Venn diagram, Sentences Correction.			7
	Total Lectures:			30
<i>Recommendation by the Board of Studies on</i>		23.02.2023		
<i>Approval by Academic council on:</i>		-		
<i>Compiled by:</i>		Dr. Sandip Mal		