



AMET

ACADEMY OF MARITIME EDUCATION AND TRAINING
(Deemed to be University Under Section 3 of UGC Act 1956)

PROGRAMME	All UG Programmes			
Course Name: Arithmetical Ability-II	L	T	P	C
	0	2	0	-
Year / Semester	III Year / V Semester	Contact hours per week (2 Hrs)		
Prerequisite course	NIL			
Course category	Placement Training			
Course Objective	The sole objective of imparting arithmetical ability is to make students able to recall some patterns which occur in their day-to-day life, critically evaluate data interpretation. This arithmetical ability helps them to solve various problems and infer the data from tables, graphs, charts.			
Course Outcomes	After completing this training course, students will be able to 1. Enhance the Aptitude Round Clearing ability in interview process 2. apply their knowledge of arithmetical ability in a variety of contexts.			
<p>Quantitative Aptitude:</p> <ol style="list-style-type: none">1. Partnerships2. Averages3. LCM and HCF4. Percentages5. Speed, Time, and Distance6. Time and Work7. Compound Interest8. Simple Interest9. Progressions and Series10. Trigonometry11. Permutation and Combination12. Algebra13. Number Systems14. Probability				

15. Mixtures
16. Ratio, Proportion and Variation
17. Profit, Loss and Discount
18. Geometry
19. Set Theory & Function
20. Logarithm & Surds and Indices
21. Complex Numbers
22. Coordinate Geometry
23. Mensuration
24. Quadratic and Linear Equations
25. Shortcuts in Averages

DATA INTERPRETATION:

1. Tabulation
2. Bar Graphs
3. Pie Charts
4. Line Charts

Textbooks:

1. R. S. Aggarwal - Quantitative Aptitude for Competitive Examinations
S. Chand Publishing (2017).
2. R. V. Praveen - Quantitative Aptitude and Reasoning-PHI Learning Private
Ltd (2013).
3. Verma_Sarvesh K. - Quantitative Aptitude Quantum Cat-Arihant Publication
(2018).

TOTAL : 30 Periods