Downloaded from https://www.studiestoday.com

Contents

Unit 1. Commercia	al Arithmetic	
Chapter 1 :	Value Added Tax	1–14
Chapter 2 :	Banking (Recurring Deposit Account)	15-20
Chapter 3:	Shares and Dividend	21–35
Unit 2. Algebra		
Chapter 4:	Linear Inequations (In one variable)	36-48
Chapter 5 :	Quadratic Equations	49–63
Chapter 6:	Solving (simple) Problems (Based on Quadratic Equations)	64–76
Chapter 7:	Ratio and Proportion (Including Properties and Uses)	77–101
Chapter 8 :	Remainder and Factor Theorems	102-111
Chapter 9 :	Matrices	112-131
Chapter 10:	Arithmetic Progression New	132-150
Chapter 11:	Geometric Progression New	151–173
Unit 3. Co-ordinat	e Geometry	
Chapter 12:	Reflection (In x-axis, y-axis, $x = a$, $y = a$ and the origin; Invariant Points)	174–183
Chapter 13:	Section and Mid-Point Formula New	184–195
Chapter 14:	Equation of a Line	196–214
Unit 4. Geometry		
Chapter 15:	Similarity (With Applications to Maps and Models)	215–241
Chapter 16:	Loci (Locus and Its Constructions)	242-252
Chapter 17:	Circles	253-277
Chapter 18:	Tangents and Intersecting Chords	278-297
Chapter 19:	Constructions (Circles)	298-302
Unit 5. Mensuration	on ·	
Chapter 20:	Cylinder, Cone and Sphere (Surface Area and Volume)	303–327

Downloaded from https://www.studiestoday.com

Downloaded from https://www.studiestoday.com

Unit 6. Trigonometry

Chapter 21: Trig	onometrical Identitie	S
------------------	-----------------------	---

(Including Trigonometrical Ratios of Complementary 328-343

Angles and Use of Four Figure Trigonometrical Tables).

Chapter 22: Heights and Distances 344-353

Unit 7. Statistics

Chapter 23: Graph	micai Re	presentaion
-------------------	----------	-------------

(Histograms, Frequency Polygon and Ogives) 354-359

Measures of Central Tendency Chapter 24:

> (Mean, Median, Quartiles and Mode) 360-388

389-404 Chapter 25: Probability

405-414 **Chapterwise Revision Exercise**

Mixed Practice 415-419

Revision Paper 1 420-422 423-426

427-430 Revision Paper 3

431-434 Revision Paper 4

Revision Paper 5 435-437

438-454 Question Paper — 2016 (Solved)

Tables 455-464

Answers 465-488

Remember:

Revision Paper 2

- S.I. Units may be written in full or using the agreed symbols, but no other abbreviation may be used.
- 2. The letter 's' is never added to symbols to indicate the plural form.
- 3. A full stop is not written after symbols for units unless it occurs at the end of sentence.
- 4. When unit and symbols are combined as a quotient, e.g. metre per second, it is recommended that they be written as m/s or still better as ms-1.
- 5. Three decimal signs are in common international use: the full point, the mid point and the comma. Since the full point is sometimes used for multiplication and the comma for spacing digits in large numbers, we shall be on the safe side if we use the mid-point for decimals.
- 6. In all types of graphs, scales, for both the axes must be mentioned on the top right corner.
- Any formulae, theorems, axioms, etc., used to solve a problem, must be clearly 7.
- Answer must be left in fractional or decimal form; and not in surd form.