DAT – SYLLABUS (COMMERCE)

Subject – Economics

1. **People as Resource**
   - Overview
   - Economic activities by men and women
   - Quality of Population
   - Unemployment

2. **Poverty as a Challenge**
   - Two typical cases of poverty
   - Poverty as seen by Social Scientists
   - Poverty Estimates
   - Vulnerable Groups
   - Interstate disparities
   - Global Poverty Scenario
   - Causes of Poverty
   - Anti-poverty measures
   - The Challenges Ahead

3. **Development**
   - What Development Promises - Different people different goals
   - Income and other goals
   - National Development
   - How to compare different countries or states?
   - Income and other criteria
   - Public Facilities
   - Sustainability of development

4. **Sectors of the Indian Economy**
   - Sectors of Economic Activities
   - Comparing the three sectors
   - Primary, Secondary and Tertiary Sectors in India
   - Division of sectors as organized and unorganized
   - Sectors in terms of ownership: Public and Private Sectors

5. **Money and Credit**
   - Money as a medium of exchange
   - Modern forms of money
   - Loan activities of Banks
   - Two different credit situations
   - Terms of credit
   - Formal sector credit in India
   - Self Help Groups for the Poor

6. **Globalisation and the Indian Economy**
   - Production across countries
   - Interlinking production acrosscountries
   - Foreign Trade and integration of markets
   - What is globalization?
   - Factors that have enabled Globalisation
   - World Trade Organisation
   - Impact of Globalization on India
   - The Struggle for a fair Globalization

DAT - SYLLABUS
Subject - English

1. Unseen Passage - **(1x10 = 10)**

Multiple Choice Questions based on a Case-based on factual passage (with visual input- statistical data, chart etc.) of 200-250 words to test analysis and interpretation

2. Grammar - **(1x20 = 20)**

Twenty Multiple Choice Questions

   a. Tenses - 1x4 = 4
   b. Modals - 1x3 = 3
   c. Subject - verb concord - 1x5 = 5
   d. Reported speech - 1x5 = 5
   e. Determiners - 1x3 = 3

Subject – Commercial Mathematics

1. PERCENTAGE	(I)	Calculation of percentage, Converting percentage to decimal, Converting decimal to percentage.
	(II)	Converting fraction to decimal and vice versa.
	(III)	Problem based on percentage.
2. PROFIT & LOSS	(I)	Concept, Profit, Loss, Cost price, Selling price.
	(II)	Percentage of profit on cost, Percentage of profit on sale, Discount and Discount percentage, Percentage of loss on cost and sale.
3. SIMPLE INTEREST	(I)	Concepts, Principal, Amount & Simple Interest, Formula for time, Amount & Interest.
4. FRACTIONS	(I)	Proper fractions, Improper fractions, Mixed fractions, Like fractions, Unlike fractions and Equivalent fractions.
	(II)	Simplification by using BODMAS Rule.
5. LINEAR INEQUATIONS OF TWO VARIABLES	(I)	Solution of a linear equations in two variables algebraically by Substitution, by Elimination and by Cross-multiplication method.
	(II)	Simple situational problems, Simple problem on equations reducible to linear equations.
6. STATISTICS	(I)	Mean, Median and Mode of ungrouped data.
	(II)	Mean, Median and Mode of grouped data.
7. PROBABILITY	(I)	The experiments to be drawn from real life situations and for examples used in the chapter on statistics.
	(II)	Simple problem of single events.
8. QUADRATIC EQUATIONS	(I)	Solution of quadratic equations by factorization, by completing square and by using quadratic formula. Relation between discriminants and nature of roots.
	(II)	Situational problems based on the quadratic equations related to day-to-day activities to be incorporated.
9. TRIGONOMETRIC IDENTITIES	(I)	Applications of the identity $Sin^2 A + Cos^2 A = 1$. Only simple identities to be given. Trigonometric ratios of complementary angles.
10. CO-ORDINATE GEOMETRY	(I)	The Cartesian plane, Co-ordinate of point, names and terms associated with the co- ordinate plane.
	(II)	Distance formula, Selection formula, Area of triangle.