

SYLLABUS FOR COMPUTER BASED RECRUITMENT TEST (CBRT)
FOR THE POST OF ASSISTANT DISTRICT EDUCATIONAL INSPECTORS/
TEACHER GRADE –I (ECONOMICS)
UNDER
DIRECTORATE OF EDUCATION
(Advt No. 04 Year 2023)

- I. General English including Grammar - 05 marks
- II. General Knowledge, Current Affairs and Events of National and International Importance - 10 marks
- III. Logical Reasoning and Analytical Ability - 10 marks
- IV. Core: - 50 marks

PART-I(30 Marks)

Unit I - Introduction to Economics

Concept of Economics- Scope, Problem of scarcity and choice - Central problems of an economy, Production Possibility Curve - Opportunity Cost.

Unit II- Micro Economics

Consumer behaviour - Consumer's Equilibrium - Utility Approach, Indifference Approach, and Demand - determinants of demand, demand curve, shifts in demand curve, Law of demand, exceptions, and measurement of Price elasticity of demand - **Producer Behaviour** - Agents of production, Production function, Cost and Revenue- types of costs and revenue, Isoquants, Returns to a factor and returns to scale, Supply - determinants of supply, supply curve, movement along and shifts in supply curve, price elasticity of supply and its measurement, Components and theories of distribution, Welfare economics - Pareto Optimality, private and social products, Consumer surplus - **Forms of market** – Monopoly, Oligopoly, Perfect competition, Monopolistic Competition, Price determination under perfect competition, monopoly and imperfect competitions, effects of shifts in demand and supply.

Unit III - Macro Economics

Macroeconomics - Circular flow of income, GDP, GNP, NDP, NNP, National Disposable Income, Private Income, Personal Income and Personal Disposable Income, Measurement of National Income, Components of Aggregate demand and supply, Propensity to consume and propensity to save, Determination of income and employment, Investment multiplier, excess and deficient demands, availability of credit, change in Government spending - **Evolution of Money**, Role of the Central bank and Commercial banks, Recent significant reforms and issues in Indian Banking System, Components and Objectives of Government budget - Classification of receipts and expenditures, Types of budgets, Revenue deficit, Implications and measures to contain fiscal deficit and primary deficit - **Foreign exchange rate** – Determination, Balance of payment accounts and its components, Theories of international trade, IMF, World Bank and its associates - **State of Indian Economy** on the eve of independence- Five Year Plans, LPG policies - liberalisation, globalisation and privatisation, Poverty - programmes for poverty alleviation, Rural development.

UNIT IV - Statistics for Economics

Importance of statistics in Economics, Collection and organisation of data, Census of India and National Sample Survey Organisation, Statistical Tools and Interpretation - Measures of Central Tendency - Measures of Dispersion, Lorenz Curve, Correlation - Karl Pearson's method, Spearman's rank correlation, Time series analysis - types to Index Numbers - wholesale price index, consumer price index and index of industrial production, uses of index numbers; Inflation and index numbers.

PART-II (20 Marks)

I: The Teacher In The Emerging Indian Society

- Relationship between Philosophy and Education
- Educational Provisions in the Constitution of India
- Naturalism, Pragmatism, Humanism
- Socialization and Education - The role of family, peer group, school and the media of communication
- Education and Social Stratification
 - Inequalities of educational opportunity: religion, caste, class and gender
 - Social determinants of educability
 - The role of education in mobility
 - Education and Social Change

II: Psychology of the Learner and Learning

- The role of heredity and environment in development.
- Cognitive Development (Piaget)
- Characteristics of Adolescence (physical, mental/cognitive, emotional, social).
- Gardner's theory of multiple intelligences,
- Dealing with Individual Differences
 - Children with learning disabilities
 - Emotionally disturbed children
 - Gifted students
 - Fostering creativity in students

Information Processing (Sensory register, STM and LTM)

- Classroom implications of the Information Processing Theory
- Forgetting and causes of forgetting
- Constructivist view of learning
- Critical thinking
- Transfer of learning
- Classroom implications of the Cognitive Learning Theory
- Intrinsic and Extrinsic Motivation
- Classroom climate and group dynamics

III: Evaluation and Assessment

- Concept and Function of Educational Evaluation
 - Basic types of Evaluation
 - Placement, Formative Diagnostic, Summative Evaluation
- Phases of Evaluation
 - Collecting evidence...- Forming judgements - Taking decisions
- Taxonomy of Educational Objectives
 - Various steps of setting a question paper: Blue print, preparation of test items, review of test items, scoring key
- Need for grading
 - Direct grading versus indirect grading
 - Absolute grading versus relative grading
- Continuous Internal Assessment - Need, Areas, Advantages
- Portfolio Assessment

IV: Educational Technology

- Components of an Instructional System
- Application of Systems Approach to planning lessons and instructional Material.
 - Communication – meaning, modes and functions
 - Communication Process (Communication cycle)
- Barriers to communication and overcoming these barriers
- Kinds of Communication
 - Verbal communication - improving listening and speaking skills
 - Non verbal Communication - Art, Forms, Symbols, Appearances and Body language (Touch, Facial expression, Eye contact).
 - Improving non-verbal communication

Dale's cone of experiences

Computer assisted learning

-Subject specific software and its uses

-General educational software e.g. encyclopaedia

- Computers for simulation, drill/practice, educational games and tutorials

- Computer aided evaluation
- Advantages and Limitations in the use of computers

Note:

Duration for C.B.R.T : 90 Minutes

Maximum Marks for C.B.R.T : 75 Marks