GROUP-56

Common Graduate Level (Level of Exam Graduate any discipline)

1) General awareness, Reasoning, Mathematics, Science, History including Haryana related history, current affairs, literature, Geography, Civics, Environment, Culture etc. - **(Weightage 20%)**

2) Computer terminology, Fundamentals, word software, excel software, Power point, internet, web browsing, Communication, emails, downloading and uploading data on websites etc**.** - **(Weightage 10%)**

3) Subject related syllabus- **(Weightage 70%)**

A. General Intelligence &Reasoning:

It would include questions of both verbal and non-verbal type. This component may include questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgment, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning etc. The topics are, Semantic Analogy, Symbolic/Number Analogy, Figural Analogy, Semantic Classification, Symbolic/Number Classification, Figural Classification, Semantic Series, Number Series, Figural Series, Problem Solving, Word Building, Coding & de-coding, Numerical Operations, symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing inferences, Punched hole/ pattern- folding& un-folding, Figural Pattern-folding and completion, Indexing, Address matching, Date & city matching, Classification of centre codes/roll numbers, Small & Capital letters/numbers coding, decoding and classification, Embedded Figures, Critical thinking, Emotional Intelligence, Social Intelligence.

B. General Awareness:

Questions in this component will be aimed at testing the candidates' general awareness of the environment around him and its application to society. Questions will also be designed to test knowledge of current events and of such matters of every day observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighbouring countries especially pertaining History, Culture, Geography, Economic Scene, General Policy & Scientific Research.

Introduction to Indian Constitution: Preamble, Fundamental duties and fundamentals rights only, Traffic Rules, Traffic signs, Penalties for violating traffic rules, first aid, safety precautions and occupational health, Welfare Schemes run by Government of Haryana and provisions.

C. Quantitative Aptitude:

The questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be computation of whole numbers, decimals, fractions and relationships between numbers, Percentage. Ratio & Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and distance, Time & Work, Basic algebraic identities of School Algebra & Elementary surds, Graphs of Linear Equations, Triangle and its various kinds of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square base, Trigonometric ratio, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency polygon, Bar diagram & Pie chart.

D. Hindi & English Language:

Candidates' ability to understand correct Hindi/English, his/her basic comprehension and writing ability, Hindi & English terms used in offices and inter-translation etc. would be tested.

E: Economics and Governance:

Comptroller & Auditor General of India & Haryana- Constitutional provisions, Role and responsibility.

Finance Commission- Role and functions.

Basic Concept of Economics and introduction to Micro Economics: Definition, scope and nature of Economics, Methods of economic study and Central problems of an economy and Production possibilities curve.

Theory of Demand and Supply: Meaning and determinants of demand, Law of demand and Elasticity of demand, Price, income and cross elasticity; Theory of consumer's behaviour Marshallian approach and Indifference curve approach, Meaning and determinants of supply, Law of supply and Elasticity of Supply

Theory of Production and cost: Meaning and Factors of production; Laws of production- Law of variable proportions and Laws of returns to scale.

Forms of Market and price determination in different markets: Various forms of markets-Perfect Competition, Monopoly, Monopolistic Competition and Oligopoly and Price determination in these markets.

Haryana economy: nature, characteristics and problems; concept of economic development; State of the Haryana economy since its inception: Income; Population, Health & Nutrition and declining sex ratio, Haryana agriculture: nature, cropping pattern, role of agriculture in Haryana economy, Measures for development in agriculture, crop insurance, Agriculture credit: agriculture finance, types of agriculture finance; credit needs of farmers; sources of credit: institutional and non-institutional sources; NABARD; rural indebtedness: causes, consequences and debt relief measures, Micro, small & medium enterprises (MSME) in Haryana: meaning, role, performance and challenges; SEZ, Growth of MNCs in Haryana, Role of HSIIDC, HFC, HAFED, HKVIB, Haryana budget: objectives and policies, sources of revenues and its utilization.

Rural Marketing: meaning, nature, characteristics; opportunities and challenges to rural markets in Haryana; Socio-cultural, economic, demographic, technological and other environmental factor affecting rural marketing; rural consumer behaviour; segmentation of rural market; strategies for rural marketing; rural marketing mix; difference in rural and urban market; problems in rural marketing; Strategies for rural marketing, Product planning, pricing, promotion and management of distribution channels for marketing of durables and non-durables in rural areas; Planning and organizing personnel selling in rural markets; Innovation in rural market; E-commerce in rural markets, e-chaupal& other similar initiatives in rural markets.

FUNDAMENTALS OF INSURANCE: Introduction to insurance, Contract of life insurance, Fire insurance, Marine insurance, Accident and motor insurance, Farm Crop Insurance, Insurance intermediaries – role of agents and procedure for becoming an agent; cancellation of license; revocation/suspension/termination of agent appointment; code of conduct; unfair practices.

F. Environmental Studies and Disaster Management

Multidisciplinary nature of environmental studies, Natural Resources, Forest resources, Water resources, Mineral resources, Food resources, Energy resources, Land resources, Ecosystems, Energy flow in the ecosystem, Introduction, types, characteristic features, structure and function of the following ecosystem: a. Forest ecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries). Biodiversity and its conservation, Value of biodiversity, Hot-sports of biodiversity, Threats to biodiversity, Endangered and endemic species of India. Conservation of biodiversity, Environmental Pollution, effects and control measures of: a. Air pollution b. Water pollution c. Soil pollution d. Marine pollution e. Noise pollution f. Thermal pollution g. nuclear hazards. Solid Waste Management, Social Issues and the Environment, Environmental ethics, Wasteland reclamation, Consumerism and waste products. Environment Protection Act. Air (Prevention and Control of Pollution) Act. Water (Prevention and control of Pollution) Act. Wildlife Protection Act. Forest Conservation Act. Issues involved in enforcement of environmental legislation. Public awareness. Human

Population and the Environment, Environment and human health, Role of Information Technology in Environment and human health.

DISASTER MANAGEMENT: Natural Disasters, Climatic change, Man Made Disasters, Disaster Management, International strategy for disaster reduction, national disaster management framework; financial arrangements; role of NGOs, community –based organizations and media. Central, state, district and local administration; Armed forces in disaster response; Disaster response; Police and other organizations.

NOTE- The questions in Parts A, B, D, E & F will be of a level commensurate with the essential qualification viz. Graduation and questions in Part-C will be of 10th standard level.

Important Note: The Weightage as mentioned against the syllabus is tentative & may vary.