Unit-I
Managerial Economics-Demand Analysis, Production Function, Cost-Output Relations, Market Structures, Pricing Theories; National Income concepts; Business environment. Role and Scope of Production Management; Facility Location; Layout Planning and Analysis; Production Planning and Control-Production Process Analysis; Demand Forecasting for Operations; Determinants of Product mix; Production Scheduling; Work measurement; Time and Motion Study; Statistical Quality Control. Role and Scope of Operations Research; Linear Programming; Transportation Model; Inventory Control; Queueing Theory; Decision Theory; PERT/CPM. Probability Theory; Probability distributions-Binomial, Poisson and Normal; Correlation and Regression analysis; Research process; Research Design; Sampling theory; Sampling distributions; Data Sources, Tests of Hypothesis; Large and small samples; t z, F, Chi-square tests.

Unit-II
Concept of Corporate Strategy; Components of Strategy Formulation; Ansoffs Growth Vector; BCG Model; Porter's Generic Strategies; Competitor Analysis; Strategic Dimensions and Group Mapping; Industry Analysis; Strategies in Industry Evolution, Fragmentation, Maturity, and decline. Competitive strategy and Corporate Strategy. Concept and significance of organisational behaviour-Skills and Roles in an organisation-Classic, Neo-Classical and Modern Theories of Organisational Structure-Organisational Design-Understanding and Managing individual behaviour personality-Perception-Values-Attitudes-Learning-Motivation. Understanding and Managing Group Behaviour, Processes-Inter-personal and group dynamics-Communication-Leadership-Managing change-Managing conflicts. Organisational Development; Ethical issues and analysis in Management; Value based organisations; Environmental ethics; Social responsibilities of business; Corporate governance; Entrepreneurial characteristics; Motivation and competencies; Innovation and Entrepreneurship; Business Opportunity Identification; Detailed business plan preparation; Intrapreneurship.

Unit-III
Marketing-Concept; Nature and Scope; Marketing mix; Different environments and their influences on marketing; Understanding the customer and competition. Segmentation, Targeting and Positioning; Product Life Cycle; Brands-Meaning and Role; Brand building strategies; Share increasing strategies. Pricing objectives; Pricing concepts; Pricing methods. Product-Basic and Augmented stages in New Product Development; Promotion mix-Role and Relevance of advertising. Advertising-Planning, execution and evaluation. Distribution channel hierarchy; Role of each member in the channel; Analysis of business potential and evaluation of performance of the channel members. Marketing to Organisations-Segmentation Models; Organisational buying process. Marketing control. Customer relationship management including the concept of ‘Relationship Marketing’ Use of internet as a medium of marketing; Managerial issues in reaching consumers/organisation through internet.

Unit IV
Human Resource Management (HRM) -Significance; Objectives; Functions; A diagnostic model; External and Internal environment Forces and Influences; Organizing HRM function. Recruitment and Selection-Sources of recruits; Recruiting methods; Selection procedure; Selection tests; Placement and Follow-up: Performance Appraisal System-Importance and
Objectives; Techniques of appraisal system; New trends in appraisal system. Development of Personnel-Objectives; Determining Needs; Methods of Training & Development programs; Evaluation. Career Planning and Development-Concept of career; Career planning and development methods. Compensation and Benefits-Job evaluation techniques; Wage and salary administration; Fringe Benefits; Human resource records and audit. Industrial Relations-Importance; Industrial conflicts; Causes; Dispute settlement machinery. Collective Bargaining-Concept; Process; Pre-requisites; New trends in collective bargaining.

**Unit-V**


**Note:**

Syllabi comprises for both part-II (basic conventional questions) and part-III (Advanced higher value questions) of the entrance test.
Tourism Management

Unit I

Unit II

Unit III
Travel Agency and Tour operations Business: Origin, Growth and development: Definition, Differentiation and linkages, organization and functions-Travel information counseling, itinerary preparation, Reservation, Tour costing/pricing, Marketing of tour packages, Income sources. Airlines Ticketing: Operational Perspectives of ticketing-ABC codes, Flight schedules, Flying time and MPM/TPM calculation. TIM (Travel Information Manual) consultation. Routine and itinerary preparation, types of fare, fare calculation and rounding up. Currency Conversion and payment modes. Issuance of ticket. Tourism Planning: Origin, concept and approaches. Levels and types of tourism planning-Sectoral, spatial, integrated, complex, centralized and decentralized, Product life cycle theories and their applicability in tourism planning, Urban and rural tourism planning. Tourism planning and policy perspectives; planning at national, state and regional levels. India’s tourism policy. Tourism planning process: objective setting, background analysis, detailed research and analysis, synthesis, goal setting and Plan formulation, Evaluation of tourism project-Project feasibility study; Plan implementation. Development and monitoring,
Tourism master plan. Tourism Impacts and need for sustainable tourism planning: Socio cultural, Economic and physical, tourism carrying capacity and environmental impact analysis (EIA).

**Unit IV**


**Unit V**


**Note:**

Syllabi comprises for both part-II (basic conventional questions) and part-III (Advanced higher value questions) of the entrance test.