

FUNDAMENTALS OF E-BUSINESS

Session 2024-25

Class-XII

Time: 3 Hrs

Theory: 80 Marks

Practical: 15 Marks

INA: 05 Marks

Total: 100 Marks

SYLLABUS

UNIT I: Concepts and Scope of Information Technology, Fundamentals of Computers

UNIT II: Elements of Computer System: Computer Hardware and Software. Computer Organization, CPU: Memory Input Devices, Output Devices, Storage Devices, and Communication Devices, Introduction to Operating System.

UNIT III: Multimedia.

UNIT IV: Fundamentals of internet and Working of Internet: Concept of Internet, Use of Internet, Requirements of Internet, Internet Domain, Internet Server, establishing connectivity on the Internet, Types of Internet Providers, Constitution of Internet Protocol, Browsing the Internet Tools and Services of Internet, Procedure of opening e-mail account on internet.

UNIT V: Introduction to E- Commerce and E- Commerce in India: Meaning, Features, Functions and Benefits of E-Commerce, E-Commerce Practice Vs Traditional Practice, Scope and Basic Models of E-Commerce, Limitations of E-Commerce, Precautions for secure E-Commerce, Proxy Services. Types of E-Commerce, Meaning of B2C, B2B, C2C & P2P. Status of E-Commerce in India, Problems and Opportunities in E- Commerce in India, Future of E-Commerce, Legal issues involved in E-Commerce.

UNIT VI: E-Payments: Transactions through Internet, Requirements of E-Payment System, Post Paid Payment System, Credit Card Solutions, Cyber Cash Internet Cheques, Instant Paid Payment System, Debit Card, Prepaid Payment System, Electronic Cash, Digi Cash, Net Cash, Cyber Cash, Smart Cards.

UNIT VII: E-Security: Areas of Internet Security, Security Threats, Security Breach Avoidance, Defection and Recovery, Confidentiality and Integrity, Electronic Signature, Access Control, Authentication, Precautions for Secure E-Commerce.

UNIT VIII: E-Banking: Meaning, Importance and Types of E-Banking Services. Traditional vs E-Banking, Process of E-Banking, Advantages and

Disadvantages of E-Banking, Status of E-Banking in India.

UNIT IX: E- Trading Securities: Meaning and Importance of E- Trading Securities, Traditional Trading Securities vs E-Trading Securities, Operational Aspects of E-Trading Securities, Advantages of E-Trading Securities, Status of E-Trading Securities in India.

UNIT X: E-Marketing: Concept of E- Marketing, 5Ps of E-Marketing, Traditional Marketing vs E-Marketing, Advantages of E-Marketing, Status of E-Marketing in India.