

Punjab Board

SYLLABUS

2024-2025

FUNDAMENTAL OF E-BUSINESS

Session 2024-25

Class-XII

Time: 3 Hrs

Theory: 80 Marks
Practical: 15 Marks
INA: 05Marks
Total: 100 Marks

SYLLABUS (THEORY)

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, Constitute of Internet Protocol, Browsing the Internet Tools and Service 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 Benefit 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 Opportunity in E- Commerce in India, Future of E-Commerce, Legal issues involved E-Commerce.

UNIT VI: E-Payments: Transaction 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 Precaution 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.

STRUCTURE OF PRACTICAL QUESTION PAPER

Time: 1½ Hours **Max. Marks: 15**

1. Practical Note Book 3 marks
2. Total five questions (two from part-I and three from Part-II) of 3 marks each will be set out of list prescribed for practical. The students are required to perform three practical's selecting at least one from each part.
   (3×3) =9 marks
3. Viva Voce 3 marks

SYLLABUS (PRACTICAL)

List of practical's

Part-I

- Internet and its applications:
- Log into internet.
- Navigation for seeking information.
  Downloading information from internet.

Part-II

- Sending and receiving e-mail.
  (a) Create e-mail account
  (b) Creating a message
  (c) Creating an address book
  (d) Attaching a file with e-mail
  (e) Receiving a message
  (f) Deleting a message
- Purchasing through the net.
- On-line banking - Operating an ATM.

Study Materials

aglasem.com

Model Papers

Sample Papers

Half Yearly Sample Papers

Important Resources

Periodic Table

Writing Skills / Formats

Maps of India / World

Notes

- [ ] Class 6 Notes
- [ ] Class 7 Notes
- [ ] Class 8 Notes
- [ ] Class 9 Notes
- [ ] Class 10 Notes
- [ ] Class 11 Notes
- [ ] Class 12 Notes

Books and Solutions

NCERT Books

NCERT Book Solutions

HC Verma Chapter Wise Solutions

RD Sharma Solutions

CGBSE Solutions