

CLASS-XII
45. FUNDAMENTAL OF E-BUSINESS
(COMMERCE GROUP)

Time: 3 Hrs

Theory: 50 Marks
CCE: 10 Marks
Practical: 15 Marks
Total: 75 Marks

STRUCTURE OF QUESTION PAPER

1. The Question Paper will cover whole of the Syllabus.
2. 16 Questions will be set in the Question paper. Do any five questions from Section-C.
3. All units should be given adequate representation in the question paper.
4. The Question paper will have 4 sections i.e. A, B,C & D.

SECTION-A

5. Question No. 1 consists of 6 subparts carrying 1 mark each. Answer of each part should be given in 1-15 words. Objective type questions may include questions with one word or one sentence answer/fill in the blanks/true or false/multiple choice type questions. Three Questions will be set from Part-1 and another three questions will be set from Part-2 of the syllabus.

SECTION-B

6. Question No. 2 to 7 will carry 2 marks each. Two questions (**Q.No. 2 and Q.No. 3**) will be set from Part-1 and remaining four questions (**Q.No. 4 to Q.No.7**) will be set from Part-2 of the syllabus. Answer of these questions should be given in 5 to 10 lines.

SECTION-C

7. Question No. 8 to 14 will carry 4 marks each. Attempt total five questions from this section. Attempt any three questions from (**Q.No. 8 to Q.No. 11**) which will be set from Part -I and attempt any two questions from (**Q.No. 12 to Q.No. 14**) which will be set from Part-II. Answer of these questions should be given in 15 to 20 lines.

SECTION-D

8. Question No. 15 and 16 will carry 6 marks each with internal choice. Q.No.15 will be set from Units I to II with internal choice and Q.No. 16 will be set from Units III and IV with internal choice. Each question will carry six marks each. Answer of these questions should be given in 3-4 pages of the answer book. Internal choice question will not be set from the same unit.

Unit wise division of the Marks

Unit No.	Name of the Unit	1 Marks Questions	2 Marks questions	4 Marks Questions	6 Marks Questions
I	Fundamental of Information Technology	3	2	2	(i)1 question from units1,2 and 3 with internal choice not from same unit
II	Introduction to Electronic Commerce	1	1	1	
III	E-Payments		1	1	
IV	E-Security	1		1	1
V	E-Banking				
VI	E-Trading	1	1	1	
VII	E-Marketing				
Total Questions		6	6	7	2

Note:

1. Do any five questions out of seven questions of 4 marks from

SYLLABUS (THEORY)

Rationale of the Course:

Information technology has great influence on all aspects of our life. All our work places and the living environments are being computerized. In order to prepare students to work in these environments, it is essential that they are exposed to various applications of information technology. One of the important applications of IT is e-business. The term applies to the use of computer network to search and retrieve information in support of human and corporate decision making. It is a modern business methodology that addresses the needs of business organizations, merchants and consumers to cut costs while improving the quality of goods and services and increasing the speed of service- delivery. This exposure will enable the students to enter the world with confidence, live in these environments in a harmonious way and contribute to the productivity.

PART -I

UNIT 1: FUNDAMENTALS OF INFORMATION TECHNOLOGY

1. Concepts and Scope of IT
2. Elements of Computer System: Computer Hardware and Software. Computer Organization.
3. CPU: Memory Input Devices, Output Devices, Storage Devices, and Communication Devices, Multimedia Devices
4. Introduction to operating system

Introduction to Internet

Concept of Internet, Use of Internet, Requirements of Internet, Internet Domain, Internet Server, establishing connectivity on the Internet, Types of Internet Providers, Constituents of Internet Protocol, Browsing the Internet Tools and Service of Internet, Procedure of opening e-mail account on internet.

PART-II

CONCEPTUAL FRAMEWORK OF E-BUSINESS

UNIT 2: INTRODUCTION TO ELECTRONIC COMMERCE

1. Meaning, Features, Functions and Benefit of E-Commerce, E-Commerce Practices Traditional Practice, Scope and Basic Models of E-Commerce, Limitations of E-Commerce, Precautions for secure E-Commerce, Proxy Services.
2. Types of E-Commerce, Meaning of B2C, B2B, C2C & P2P.
3. E-Commerce in India: Status of E-Commerce in India, Problems and Opportunity in E-Commerce in India, Future of E-Commerce, Legal issues involved in E-Commerce.

UNIT 3: E-PAYMENTS

Transaction through Internet, Requirements of E-Payment System, Post Paid Payment System, Credit Card Solutions, Cyber Cash Internal Cheques, Instant Paid Payment System, Debit Card, Prepaid Payment System, Electronic Cash, Digi Cash, Net Cash, Cyber Cash, Smart Cards.

UNIT 4: 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 5: 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 6: E- TRADING

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

UNIT 7: E-MARKETING

Concept of E- Marketing, 4Ps of E-Marketing, Traditional Marketing vs E-Marketing, Advantages of E-Marketing, Status of E-Marketing in India.

STRUCTURE OF PRACTICAL QUESTION PAPER

(PRACTICAL)

Time: 1½ Hours

M. Marks: 15

1. Total five questions (two from Part-1 and three from Part-2) of 3 marks each will be set out of list prescribed for practical. The students are required to perform three practicals selecting at least one from each part. **9 marks**

2. Viva Voce

3 marks

3. Project Work

3 marks

SYLLABUS (PRACTICAL) LIST OF PRACTICALS (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.