

SEMESTER- V

COURSE CODE :- DSE 2
COURSE TITLE :- DSE-II(E-COMMERCE AND APPLICATION)
CREDIT :- 4

Marks distribution

Full Marks: 20 (MSE) + 80 (ESE) = 100 Times: 3 hrs

Pass Marks: 45

This paper consists of 80 marks and divided into two groups:

Group-A: Objective questions (Compulsory) : 1 x 10 = 10

Group-B: Descriptive questions (7 out of 10 questions) : 7 x 10 = 60

Total = 80

The questions must cover the entire syllabus with equal distribution of marks as far as practicable.

Module 1: Introduction to e-commerce, Advantages and Disadvantage of Ecommerce, Types of

E-Commerce EDI-electronic data interchange, Benefits of EDI, Component of EDI System.

Module 2: Introduction to UN/EDIF ACT standard, An EDIFACT Message, Interchange

Structure, Un/EDIFACT message Directories.

Module 3: Internet & Extranets, Commerce over the Internet, Commerce over the Extranet

Identification & tracking tools, EAN system, Eancom, Article numbering, bar Coding.

Module 4: Business process Re-engineering, Strategic Alignment Model BPR Methodology. Rapid Re Methodology, Management of change

Module 5: Concerns for e-commerce growth – Legal issues, Risks, Technology for Authenticating Electronics Document, Laws for E-Commerce, Legal issues for internet commerce.

Module 6: Cyber security, Cyber attacks, Hacking, Firewalls, cryptography based solutions, Digital Signature

Module 7: Cyber crimes, Information Technology act 2000, Public Key Infrastructure, PKI and Certifying Authorities

Module 8: Electronic payment system, Payment gateway and Internet banking, Pay pal, Secure Electronic Transaction (SET) protocol

Books Recommended :

1.K. K. Bajaj & D. Nag – TMH

2.Rayport & Jawors

PRACTICAL: E-COMMERCE AND APPLICATION

CASE STUDY ON E-COMMERCE, APPLICATION OF E-COMMERCE

E-GOVERNANCES CASE STUDIES