

**ECOMMERCE AND ERP
(MCAP 2263)**

Time Allotted : 3 hrs

Full Marks : 70

Figures out of the right margin indicate full marks.

*Candidates are required to answer Group A and
any 5 (five) from Group B to E, taking at least one from each group.*

Candidates are required to give answer in their own words as far as practicable.

**Group – A
(Multiple Choice Type Questions)**

1. Choose the correct alternative for the following: **10 × 1 = 10**
- (i) By Electronic Commerce we mean
(a) Commerce of electronic goods
(b) Commerce which depends on electronics
(c) Commerce which is based on the use of internet
(d) Commerce which is based on transactions using computers connected by telecommunication network.
- (ii) Electronic Data Interchange is necessary in
(a) B2C e-Commerce
(b) B2C e-Commerce
(c) B2B e-Commerce
(d) Commerce using internet.
- (iii) By encryption of a text we mean
(a) Compressing it
(b) Expanding it
(c) Scrambling it to preserve its security
(d) Hashing it.
- (iv) By symmetric key encryption we mean
(a) One private key is used for both encryption and decryption
(b) Private and public key used are symmetric
(c) Only public keys are used for encryption
(d) Only symmetric key is used for encryption.
- (v) A digital signature is
(a) A bit string giving identity of a correspondent
(b) A unique identification of a sender
(c) An authentication of an electronic record by tying it uniquely to a key only a sender knows
(d) An encrypted signature of a sender.
- (vi) The _____ should plan well and execute perfectly the implementation of ERP.
(a) Organization
(b) System developers

- (c) Vendors (d) Top Management.
- (vii) In what must a system do to qualify as a true ERP solution?
(a) Be flexible (b) Be modular and closed
(c) Extend within the company (d) All.
- (viii) What are the primary business benefits of an ERP system?
(a) Sales forecasts, sales strategies, and marketing campaigns
(b) Market demand, resource and capacity constraints, and real-time scheduling
(c) Forecasting, planning, purchasing, material management, warehousing, inventory, and distribution
(d) All.
- (ix) Data mining is the process of identifying valid, new, potentially useful, and ultimately clear _____ from databases.
(a) Decision (b) Strategies
(c) Information (d) Account.
- (x) Which of the following is a useful security mechanism when considering business strategy and IT?
(a) Encryption (b) Decryption
(c) Firewall (d) All.

Group – B

2. (a) Distinguish between electronic commerce and electronic business.
(b) Describe business models of e-commerce based on relationship of transacting parties in detail.
4 + 8 = 12
3. (a) Compare and contrast between the electronic, digital and virtual internet payment system.
(b) Differentiate between e-cash and electronic cheques.
8 + 4 = 12

Group – C

4. (a) What is EDI? Explain the ways how computer can support EDI.
(b) Explain Secure Electronic Transaction in detail with steps.
6 + 6 = 12
5. (a) Explain public key encryption in detail,
(b) What is digital signature? Explain the process of dual signature.
4 + 8 = 12

Group – D

6. (a) What is business process reengineering? Explain the different phases of a BPR.
(b) What is data warehouse? Explain data warehousing architecture with a neat diagram.
6 + 6 = 12
7. (a) Why ERP implementations fail? Explain in detail.
(b) What is a Supply Chain? How Supply Chain Management is different from Logistic Management?
6 + 6 = 12

Group – E

8. (a) State the phases of ERP implementation life cycle. Explain any three of them in detail.
(b) Explain the major functions of the Materials Management System?
6 + 6 = 12
9. (a) List all subsystems of HRM module in ERP.
(b) Explain the subsystems of Plant Maintenance Module.
3 + 9 = 12

Department & Section	Submission Link
MCA	https://classroom.google.com/c/MzExODk3MzA0ODY1/a/Mzc0Mjg5MTcyNjIx/details