

**BACHELOR OF COMPUTER
APPLICATIONS (BCA)
(REVISED)**

Term-End Examination

December, 2024

BCS-062 : E-COMMERCE

Time : 2 Hours

Maximum Marks : 50

Note : (i) *Question No. 1 is compulsory and carries 20 marks.*

(ii) *Attempt any **three** questions from the rest.*

1. (a) List and explain all the key stages involved in designing an e-Commerce Portal. 10

- (b) With the help of a block diagram, explain the layered architecture of Electronic Data Interchange (EDI). 5
- (c) List the objectives of IT Act, 2000. Also, mention some of the issues dealt by the IT Act. 5
2. (a) Define m-Commerce and explain its benefits. Also mention any *two* impediments associated with it. 5
- (b) Discuss the phenomenal growth of selling the software and providing related support through online means (e-Commerce Portal). 5
3. (a) Explain the following categories/models of e-Commerce : 6
- (i) B2G

(ii) G2B

(iii) G2C

Also mention any *two* advantages for each.

(b) Discuss the delivery of goods and services on an e-Commerce platform in a secured way. 4

4. (a) Explain the following security concerns for any e-Commerce Portal : 6

(i) Transport-level security

(ii) Application-level security

(iii) Web service security

(b) List any *two* cyber crimes associated with e-Commerce. Also, mention the respective security measures to be taken to avoid them. 4

5. Write short notes on any *four* of the following : 4×2.5=10

- (i) Emerging trends in m-Commerce
- (ii) Emerging trends in e-Commerce Portal design
- (iii) Electronic Newspapers
- (iv) Secure Socket Layer (SSL)
- (v) EDIFACT standard

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