

Seat No. : \_\_\_\_\_

**LG-123**

**April-2014**

**T.Y. M.SC. (CA & IT) Sem.-VI**

**(Integrated)**

**E-Commerce & E-Governance**

**Time : 3 Hours]**

**[Max. Marks : 100**

1. Answer **all** : **2 × 10 = 20**
- (1) List down advantages and disadvantages of E-commerce.
  - (2) Explain the following :
    - (a) Transaction cost
    - (b) Vertical Integration
    - (c) Direct Materials Purchasing
    - (d) Logistics Activities
    - (e) B2B, C2C e-commerce strategies
2. Answer any **four** : **4 × 5 = 20**
- (1) Explain briefly the different modes of communication to potential customers to carry the marketing message. Justify the methods considering trust, cost and number of customers reached.
  - (2) Explain merchant account and processing payment cards online.
  - (3) Briefly explain privacy, security, independence, portability and convenience issues/concerns about e-cash.
  - (4) Write a brief note on free-for service model and advertising supported revenue model.
  - (5) What is an e-wallet ? Explain its working.
3. (a) Answer any **two** : **2 × 5 = 10**
- (1) Explain how you will ensure transaction integrity with Hash Functions and Digital Signatures.
  - (2) Write short note on Firewalls.
  - (3) Explain with proper example the three categories of computer security classifications.

- (b) Explain/define the following : **10**
- (1) Steganography
  - (2) Dictionary attack programs
  - (3) Certification Authority
  - (4) Computer Security
  - (5) Cookies

4. (a) Answer any **three** : **3 × 5 = 15**

- (1) Explain the concept of “Digital Divide in Society”.
- (2) Explain the principle and applications of “Broadcasting Dissemination Model”.
- (3) What does the “initial” level refers to in e-governance maturity model ? Write its characteristics.
- (4) Explain in detail the “planned” stage in e-governance maturity model.

- (b) Answer **all** : **5**

- (1) Define : e-governance.
- (2) Which IT tools are required for implementing e-governance ?
- (3) Give name of any one website implementing Critical Flow Model.
- (4) Which type of websites come under Mobilization ad Lobbying model ?
- (5) What is the fundamental motive behind e-governance ?

5. (a) Write a short note on “Legal Infrastructural Preparedness” and “Human Infrastructural Preparedness”. **10**

- (b) Answer any **two** : **2 × 5 = 10**

- (1) Explain the concept of re-readiness.
  - (2) Explain any three stages of evolution in e-governance.
  - (3) List with proper examples some of the application areas of Data Warehouses and Data Mining.
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