



(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 214203**

Roll No.

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**M.C.A.**

(SEM. IV) THEORY EXAMINATION, 2014-15  
**FUNDAMENTAL OF E-COMMERCE**

Time : 3 Hours]

[Total Marks : 100

**Note :** Attempt all questions. All question carry equal marks.

1 Attempt any four parts of the following : **5×4=20**

- (a) Define terms e-commerce and traditional commerce with example.
- (b) Explain the frame work of e-commerce.
- (c) Define the role of e-commerce in business, learning and services.
- (d) Describe various components of I-way.
- (e) Differentiate between e-commerce and e-business. What are the features of e-commerce technology?
- (f) What are the various security issues related to e-commerce.

**2** Attempt any four parts of the following: **5×4=20**

- (a) What is m-commerce? Explain its various application areas.
- (b) Discuss layered approach used in WAR
- (c) What do you mean by digital signature? How does it work?
- (d) What are mobile information devices? Explain with example.
- (e) How mobile computing can be used to improve business? Explain.
- (f) What is IT? Explain the role of IT in e-commerce.

**3** Attempt any two parts of the following : **10×2=20**

- (a) Discuss various categories of e-commerce.
- (b) Explain different types of firewalls.
- (c) What is secure hash algorithm? Compare it with Message digest.

**4** Attempt any two parts of the following : **10×2=20**

- (a) What is public key encryption? Write RSA algorithm.
- (b) Explain the various ethical issues related to e-commerce.
- (c) Explain in brief the architecture of Internet.

**5** Attempt any two parts of the following: **10x2=20**

- (a) Define electronic payment system. Discuss its features and advantages.
- (b) Explain different types of risks associated with Internet banking. Also discuss features of Internet banking.
- (c) Write short notes on any two of the following:
  - (i) Economic potential of e-commerce
  - (ii) Virtual Private Network
  - (iii) Smart cards.

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