

**Q5.** Attempt any *two* questions from the following : 10x2=20

- (a) Explain the various legal issues related to e-commerce.
- (b) What is GRPS? Describe. How does it achieve the higher-data rates?
- (c) Write short notes on any *two* of the following
  - i) B2G
  - ii) GSM
  - iii) Digital signature

**Printed Pages : 4**



**NBC403**

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

**PAPER ID : 294403**

**Roll No.**

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**MCA-DUAL DEGREE  
(SEM. IV) THEORY EXAM. 2014-15  
FUNDAMENTAL OF E-COMMERCE**

Time : 3 Hours]

[Total Marks : 100

**Note :** Attempt the questions as indicated.

**Q1.** Attempt any *four* questions from the following : 5x4=20

- (a) What is e-commerce? Discuss its advantages and disadvantages.
- (b) Differentiate between *B2B*, *B2C* and *C2C* type e-commerce.
- (c) What are the various forces behind e-commerce? Discuss.

- (d) Explain the framework of e-commerce.
- (e) What are the market forces behind I-way? Discuss.
- (f) Identify the unique features of e-commerce technology and their business significance.

**Q2.** Attempt any *four* questions from the following : 5x4=20

- (a) Explain WAP architecture with diagram.
- (b) Differentiate between Internet, Intranet and Extranet.
- (c) Explain the role of m-commerce in India.
- (d) Describe the key dimensions to e-commerce security.
- (e) Describe the important factors in planning a firewall design.
- (f) Discuss the basic requirements of an online payment system.

**Q3.** Attempt any *two* questions from the following : 10x2=20

- (a) Discuss the different types of threats to e-commerce systems.
- (b) What is client-server environment? Describe security tools used in client-server environment.
- (c) What are the technologies required for mobile commerce? Explain.

**Q4.** Attempt any *two* questions from the following : 10x2=20

- (a) Describe the secure electronic transaction (SET) protocol.
- (b) Discuss and differentiate between prepaid and post-paid electronic payment systems.
- (c) What is encryption? Differentiate between symmetric and asymmetric encryption.