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

PAPER ID : 2169   Roll No. ☐☐☐☐☐☐☐☐☐☐☐

B.Tech.

(SEM. V) ODD SEMESTER THEORY
EXAMINATION 2013-14

E–COMMERCE

Time : 3 Hours   *Total Marks : 100*

Note :– (i)   Attempt **all** questions.

(ii)   All questions carry equal marks.

(iii)   Be precise in your answers.

1.   Attempt any **two** parts :   **(2×10=20)**

(a)   What is the difference between E-commerce and E-business ? What is architectural framework of E-commerce ? Explain in detail.

(b)   Explain the various models of E-commerce in detail.

(c)   What is the need of E-commerce in the present scenario ? Explain its advantages and disadvantages.

2.   Attempt any **two** parts :   **(2×10=20)**

(a)   Write short notes on the following :

(i)   ATM

(ii)   ISDN.

(b)   What is Mobile Commerce ? What are the benefits of mobile commerce ? What do you understand by WAP technology ? What are its limitations ?

(c) Explain the role of Intranet in an organization's development. Catagorize E-commerce transactions based on entities involved.

3. Attempt any **two** parts : (2×10=20)

   (a) What is the importance of Web Security ? Discuss the issues related to the Web Security.

   (b) Write short notes on the following :

   (i) Transaction Security

   (ii) Network Security.

   (c) What is Firewall ? How does it protect a site ? Describe the components and types of firewall in detail.

4. Attempt any **two** parts : (2×10=20)

   (a) Write short notes on the following :

   (i) Digital Signature

   (ii) VPN.

   (b) Describe the role of cryptography in E-commerce. Differentiate between symmetric and asymmetric encryption with a suitable example.

   (c) What do you understand by Data Encryption ? Write various steps of RSA algorithm. If $N = 187$ and the encryption key $E = 17$ find out the corresponding private key.

5. Attempt any **two** parts : (2×10=20)

   (a) EDI application in business

   (b) Laws of E-commerce

   (c) Credit cards and Smart cards.