Printed Pages : 4

NCS-068

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

Paper ID : 110003

Roll No.

B. TECH.

Theory Examination (Semester-VI) 2015-16

E-COMMERCE

Time : 3 Hours

Max. Marks : 100

Section-A

1. **Attempt all parts. All parts carry equal marks. Write answer of each part in short.** **(2×10 = 20)**

(a) Discuss the term e-commerce. What are the different types of e-commerce?

(b) Define internet. Why is internet important e-commerce?

(c) Explain C2C e-commerce with an appropriate example.

(d) Why is security important in e-commerce?

(e) What do you meant by 'online payment"?

(f) List out the salient features of ATM.

(g) Explain the different types of digital documents.

(h) Discuss the major methods used for advertisement.

(i) What do you understand by EDI? Is EDI used in B2C or B2B e-commerce?

(j) Define the term VAN. What services do VANs provide?

Section-B

2. **Attempt any five questions from this section.** **(10×5 = 50)**

(a) Describe the mobile commerce. How is it different from e-commerce?

(b) How does SSL help an electronic commerce system to be secure? What are the security issues to be taken into account while designing a security system for e-commerce?

(c) Discuss the firewall. Discuss various types of firewall with its functions.

(d) What is packet screening? Which hardware device does perform packet screening ?

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(e) Differentiate between electronic cheque payment and credit card payment in e-commerce.

(f) How do smart cards and credit cards play the roles in e-commerce applications?

(g) Explain SET protocol used in credit card transactions. What is the main interesting aspect of SET protocol which gives confidence to customers transacting business using the internet?

(h) What do you understand by symmetric key cryptography What are the main advantages and disadvantages symmetric key cryptography?

Section-C

Note : Attempt any two questions from this section.

(15 × 2 = 30)

3. What are the advantage of frame relay over X.25 and packet switching?

4. What are the main differences between DES based encryption and RSA based encryption? Is it possible to combine these two systems? If so, explain how?

5. **Write Short Note on :**

(a) **Digital signature & ISDN**

(b) **Packet switching and circuit switching.**

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