53 (IT 601) ECER

2018

E-COMMERCE & ERP

Paper : IT 601

Full Marks : 100

Time : Three hours

The figures in the margin indicate full marks for the questions.

*Answer **any five** questions.*

1. (a) Define E-Commerce. 3

   (b) Write the applications of E-Commerce. 4

   (c) Compare E-Commerce with traditional E-Commerce. 5

   (d) Explain E-Government Model. 8

2. Explain Dimensions of E-Commerce. Distinguish between B2B, B2C, and C2B models. Explain Supply Chain Planning (SCP) process. 5+8+7=20

3. What is EDI ? How is it useful in E-Commerce ? Differentiate Electronic market and EDI. What are the requirements of a good electronic payment system ?

2+6+6+6=20

4. Explain network security with a suitable model. What is cryptography ? Differentiate symmetric key encryption and asymmetric key encryption. Describe DES briefly.

4+3+5+8=20

5. Explain RSA algorithm with examples. What is firewall ? What are the different types of firewall ? State the function of firewall in E-Commerce. 8+2+6+4=20

6. Why is SSL layer positioned between application layer and transport layer ? Explain how SSL can be used to secure communication. What is SET ? What are the key participants of SET ? Outline broad level steps in SET. 20

7. Write short notes on **any four** of the following : 4×5=20

(a) Kerberos

(b) Digital Envelope

(c) Digital Wallet

(d) Phases of E-Commerce website development

(e) ERP

(f) Online banking system.

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