State whether the following are *True (T)* or *False (F)* by putting a Tick (✓) mark in the brackets provided :

1×5=5

1. E-commerce was first introduced in 1960.

(T / F)

2. E-commerce marketing strategies increase online sales.

(T / F)

3. E-business is not always online business.

(T / F)

4. Firewalls prevent unauthorized Internet users from accessing private networks connected to the Internet.

(T / F)

5. E-commerce integration is not vitally important for optimizing business processes.

(T / F)

SECTION—B

(*Marks* : 10)

Answer the following questions :

2×5=10

1. What are the two advantages of e-commerce?

2. What do you mean by Web portals?

3. What is middleware?

4. Define Information Technology Act, 2000.

5. Define e-business.

(PART : B—DESCRIPTIVE)

(*Marks* : 50)

The figures in the margin indicate full marks for the questions

1. (a) What is e-commerce? Write the three advantages and disadvantages of e-commerce.

2+3=5

(b) Write a comparison statement on e-commerce versus traditional commerce.

5

OR

(c) Explain the model of e-commerce in brief with suitable example. 5

(d) Write down the major technical and non-technical limitations of e-commerce with their suitable remedy. 5

2. (a) What is e-payment? Discuss the functions of e-payment system. 2+3=5

(b) Explain how SET protocol helps transactions in e-commerce. 5

OR

(c) Define e-commerce strategy. Explain the e-commerce strategy to increase your online sales. 2+3=5

(d) Discuss about the e-commerce strategies for Web auctions, virtual communities and Web portals. 5

3. (a) Explain the various e-business models. 5

(b) Mention the five benefits and limitations of e-business. 5

OR

(c) Define e-business strategies. Mention the three success factors for implementation of e-business strategies. 2+3=5

(d) Mention three characteristics and challenges of e-business. 5

4. (a) Write about middleware services and interface layer services. 5

(b) Mention with suitable example about e-business solutions for integration. 5

OR

(c) Mention about e-commerce infrastructure cluster of servers. 5

(d) Explain in brief RPC and RMI for integration of e-commerce application. 5

5. (a) Write about the security service that are to be offered in e-payment systems. 5

(b) Discuss how e-commerce security requirements are fulfilled by various hardware and software systems. 5

OR

(c) Mention with suitable example about e-business solutions for integration. 5

(d) Highlight Information Technology Act, 2000 related to e-commerce with suitable example. 5

★ ★ ★