Professional Course Examination, 2021

(6th Semester)

BACHELOR OF COMPUTER APPLICATIONS

Course No. : BCA–6E6 (Old)

(Internet and E-Commerce)

Full Marks : 75

Time : 3 hours

INSTRUCTIONS TO CANDIDATES

(Please read the instructions carefully before you start writing your answers)

1. Questions should be attempted as per instructions.

2. Do not copy the Questions. Indicate the Part and Section with Question No. clearly while attempting the answer.

3. For Multiple choice answer, candidate should indicate the **Question No., Sub. No., (if any) and the correct answer. For example :**

   1.   Name the State capital of Mizoram.

   (a)   Lunglei

   (b)   Aizawl

   (c)   Champhai

   Candidate should provide answer as—Q. No. *1* : *(b) Aizawl*
   [Candidate should **avoid** writing only *(b)*]

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

1

(PART : A—OBJECTIVE)

(*Marks* : 25)

SECTION—I

(*Marks* : 15)

Choose the correct answer from the options provided :   1×10=10

1. Which of the following describes E-Commerce?

(a) Doing business electronically

(b) Doing business

(c) Sale of goods

(d) All of the above

2. Which type of product is less purchased using E-Commerce?

(a) Books

(b) Software

(c) Automobile

(d) Electronic goods

3. In E-Commerce, strategy formulation uses which one of the following?

(a) Business environment

(b) Technology evaluation

(c) Business planning

(d) Business strategy

4. Which of the following form is an electronic check?

(a) E-Commerce

(b) Online banking

(c) E-Cash

(d) Check

5. All process associated with transforming the inputs into outputs are

(a) inbound logistics

(b) outbound logistics

(c) service

(d) operation

6. _____ provides buyers with web-based services.

(a) Buyer

(b) Supplier

(c) Seller

(d) Marketer

7. The model that specifies in an integration solution that provides enterprise with end-to-end visibility and control is

(a) business process management

(b) business process integration

(c) workflow

(d) DCOM

8. Which of the following layers uses basic web service communication that has been widely accepted and implemented uniformly?

(a) Higher level layer

(b) Transaction layer

(c) Value added service layer

(d) Core layer

9. Which of the following protects system from external threats?

(a) EDI

(b) ERP

(c) Firewall

(d) Script

10. Publishing or transmitting or causing to be published pornographic material in electronic form is punishable for

   (a) imprisonment up to 3 years

   (b) imprisonment up to 5 years

   (c) imprisonment up to 6 years

   (d) imprisonment up to 10 years

Choose and write the correct answer (True/False) :   1×5=5

11. Internet is an integral part of E-Commerce.

   (a) True

   (b) False

12. Pop under Ad, type of add appears on a web page.

   (a) True

   (b) False

13. Business model defines that concern themselves with the process and structure of a business organization.

   (a) True

   (b) False

14. Middleware is connectivity software.

   (a) True

   (b) False

15. In the IT Act, 2000, Chapter 3 deals with the authentication of electronic records, digital signatures, electronic signatures, etc.

   (a) True

   (b) False

SECTION—II

(*Marks* : 10)

Answer the following questions :   2×5=10

16. *(a)* What are the advantages of E-Commerce to society?

OR

(b) How E-Commerce is helpful for business?

17. *(a)* What is E-Cash?

OR

(b) What are the two characteristics of E-Payment system?

18. *(a)* What are the two levels of E-Business strategy?

OR

(b) How would you differentiate between E-Business strategy and information system strategy?

19. *(a)* What is Cloud Computing?

OR

(b) What are the two types of web services?

20. *(a)* What are the objectives of the Information Technology Act , 2000?

OR

(b) What are the uses of Firewall?

(PART : B—DESCRIPTIVE)

(*Marks* : 50)

Answer the following questions : 10×5=50

1. What is the different models of E-Commerce? Explain all of them. 10

OR

2. *(a)* How is E-Commerce different from traditional commerce? 5

(b) What are the technical and non-technical limitations of E-Commerce? 5

3. Explain any three Internet payment systems in detail. 10

OR

4. Discuss the working and payment gateway in E-Commerce. 10

5. *(a)* How can Information Technology (IT) impart E-Business process? 5

(b) Explain the theory of competitive strategy in E-Business. 5

OR

6. Elaborate four key elements of strategic planning process in E-Business. 10

7. Illustrate the conceptual multilayered framework of Enterprise Application Integration (EAI). 10

OR

8. *(a)* What are the characteristics of E-Business integration model? 5

(b) What are the success factors for implementing E-Business strategies? 5

9. What are the special features of the IT Act, 2000? 10

OR

10. *(a)* Explain how SSL protocol ensure the transaction. 5

(b) How does online website operations are protected from hacker? Explain in detail. 5

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