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Total Number of Pages: 03

**B.Tech.
PIT51103**

**5th Semester Regular Examination 2017-18
E-commerce and ERP
BRANCH: IT
Time: 3 Hours
Max Marks: 100
Q.CODE: B482**

**Answer Question No.1 and 2 which are compulsory and any four from the rest.
The figures in the right hand margin indicate marks.**

- Q1** **Answer the following questions: *multiple type or dash fill up type*** **(2 x 10)**
- a) What is the process in which a buyer posts its interest in buying a certain quantity, and seller compete for the business by submitting successfully lower bids until there is only one seller left?
 - a. B2B market place
 - b. intranet
 - c. Reverse auction
 - d. internet
 - b) Most individuals are familiar with which form of e-commerce?
 - a.B2B
 - b.B2C
 - c.C2B
 - d.C2C
 - c) A product or service that customers have come to expect from an industry, which must be offered by new entrants if they wish to compete and survive, is known as
 - a. switching cost
 - b. loyalty program
 - c. Entry barriers
 - d. Affiliate program
 - d) Which form of e-marketplace brings together buyers and sellers from the same industry?
 - a. horizontal
 - b. vertical
 - c. integrated
 - d. inclined
 - e) A combination of software and information designed to provide security and information for payment is called what?
 - a.digital wallet
 - b.pop up ad
 - c.shopping cart
 - d. encryption
 - f) Which of the following is used in B2B to pay for purpose?
 - a. e-commerce
 - b. financial electronic data interchange
 - c. electronic data interchange
 - d. electronic checks

- g)** ----- is a backbone of all E-payment in E-commerce
 - a. EFT
 - b. EPS
 - c. PayPal
 - d. None of the above
- h)** Which one is a threat for E-commerce?
 - a. Trojan horse
 - b. firewall
 - c. encryption
 - d. None
- i)** Which one is not a layer of E-commerce infrastructure?
 - a. physical layer
 - b. product layer
 - c. service layer
 - d. None
- j)** Which one is a communication channel security protocol?
 - a. SSL
 - b. S-HTTP
 - c. SET
 - d. All of the above

- Q2** **Answer the following questions: *Short answer type*** **(2 x 10)**
- a)** What is the difference between E-commerce and E-business?
 - b)** What is the different between post-paid and pre-paid electronic payment system?
 - c)** Differentiate between Internet and Intranet.
 - d)** What are the applications of E-commerce?
 - e)** What are the methods of payment for online consumers?
 - f)** What are the various components of electronic commerce applications?
 - g)** What is the purpose of digital signature?
 - h)** What are the threats posed by a DNS spoofing attack?
 - i)** Which category of E-commerce such as B2B, B2C, C2B or C2C does EDI belong?
 - j)** Give two examples of consumer oriented applications.
- Q3** **a)** Define E-commerce? What are the advantages and disadvantages of E-commerce? **(10)**
- b)** What steps are involved in developing of an e-commerce strategy? **(5)**
- Q4** **a)** What are the infrastructure requirements for developing of e-commerce? Explain all the basic infrastructure needed for e-commerce with example. **(10)**
- b)** How E-commerce influences the element of a market. **(5)**
- Q5** **a)** What are the four types of consumer oriented applications of e-commerce? Discuss them briefly. **(10)**
- b)** What are the major threats posed by a sniffing attack? **(5)**
- Q6** **a)** Define EDI. Explain the layered architecture and application of EDI. **(10)**
- b)** Extranets are designed to allow companies to share data among themselves. How can a firm share data over their Extranet and the internet and still restrict access to hackers? **(5)**

- Q7** a) What is firewall? Explain briefly how firewall protect network. **(10)**
b) Discuss various attributes of M-Commerce and its economic advantages also discuss mobile computing infrastructure. **(5)**
- Q8** a) Compare and contrast different types of electronic payment system on the internet with the conventional payment system. **(10)**
b) Discuss the Architecture of “three- tier-model” with its block diagram for building e-commerce application. **(5)**
- Q9** a) What is web server? Why the web server is important in e-commerce? Briefly discuss the software requirement for web server. **(10)**
b) Justify the statement “The internet is decentralized”. **(5)**