

**B.Tech 7th Semester Special  
Exam., 2020**

**E-COMMERCE AND ERP**

Time : 3 hours

Full Marks : 70

**Instructions :**

- (i) The marks are indicated in the right-hand margin.
- (ii) There are **NINE** questions in this paper.
- (iii) Attempt **FIVE** questions in all.
- (iv) Question No. **1** is compulsory.

1. Choose the correct answer (any seven) :

2×7=14

- (a) What are the primary business benefits of an ERP system?
  - (i) Sales forecasts, sales strategies, marketing campaigns
  - (ii) Market demand, resource and capacity constraints, real-time scheduling
  - (iii) Forecasting, planning, purchasing, material management, warehousing, inventory and distribution
  - (iv) All of the above

- (b) What must a system do to qualify as a true ERP solution?
  - ~~(i)~~ Be flexible
  - (ii) Be modular and closed
  - (iii) Extend within the company
  - ~~(iv)~~ All of the above
- (c) Which of the following models is part of e-governance?
  - (i) G2B
  - ~~(ii)~~ G2C
  - (iii) B2G
  - (iv) C2G
- (d) SET protocol on internet stands for
  - ~~(i)~~ Secure Electronic Transaction
  - (ii) Secure Internet Transaction
  - (iii) Secure Establish Transaction
  - (iv) Secure Electronic Transmission
- (e) URL stands for
  - ~~(i)~~ Uniform Resource Locator
  - (ii) Universal Resource Locator
  - (iii) Universal Random Locator
  - (iv) Uniform Random Locator

- (f) Digital cash has which of the following characteristics?
- ~~(i)~~ Anonymity
  - (ii) Security
  - (iii) Confidentiality
  - (iv) All of the above
- (g) Who breaks into other people's computer system and steals and destroys information?
- ~~(i)~~ Hackers
  - (ii) Software
  - (iii) Hacktivists
  - (iv) Script kiddies
- (h) Which one of the following is not one of the major types of e-commerce?
- ~~(i)~~ C2B
  - (ii) B2C
  - (iii) B2B
  - (iv) C2C
- (i) Which is not a function of ERP?
- (i) Human Resource Management
  - (ii) Financial
  - (iii) Warehousing
  - ~~(iv)~~ None of the above

- (j) The solution for all business needs is
- (i) EDI
  - ~~(ii)~~ ERP
  - (iii) SCM
  - (iv) None of the above
2. (a) Discuss the important components of an ERP system. Differentiate between traditional EDI and open EDI.
- (b) Discuss e-governance. Explain the Business-to-Administration model. 7+7=14
3. (a) Explain how SSL protocol is used for secure transaction. Explain the advantages of e-commerce.
- (b) What is Electronic Data Interchange? Discuss its architecture. What is a virtual payment system? 7+7=14
4. (a) The public is highly concerned with the safety of e-payment. What are the specific measures put forward in the guidance in this respect?
- (b) Explain the architectural framework for electronic commerce. 7+7=14

5. (a) With the help of any example of web site, explain the perspectives of the buyers and sellers in a B2B e-commerce web site.
- (b) What is MIME? When is it used? Explain how security is implemented in MIME. 7+7=14
6. (a) What are the different security issues in mobile commerce? Explain any two issues.
- (b) What are the key technologies for B2B e-commerce? Explain architectural models of B2B e-commerce. 7+7=14
7. (a) Discuss in detail about the security issues for which electronic cash is transferred over internet with an example.
- (b) How does internet-based advertising capable of competing with commercial advertising? 7+7=14
8. (a) Explain briefly the role of e-commerce in the supply chain management with suitable example.
- (b) What is e-payment? Why is orientation and standardization required for e-payment businesses? 7+7=14

9. (a) What is firewall? State the function of firewall in e-commerce. Explain with suitable example. 7
- (b) Write short notes on any two of the following : 7
- (i) Collaborative computing -15
- (ii) Digital certificate
- (iii) E-logistic

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