

Test Series: March, 2013

MOCK TEST PAPER – 2

FINAL COURSE: GROUP – II

PAPER – 6: INFORMATION SYSTEMS CONTROL & AUDIT

Question No. 1 is compulsory.

Attempt any five questions from the remaining six Questions.

Time Allowed – 3 Hours

Maximum Marks – 100

1. ABC India Ltd. is a leading company dealing in the retail market. Store operations have never been as important to retailers as they are now. Successful retailers are those, who know that the battle for customers is only won at the frontline, which in the case of a retail chain is at its stores. The company was regularly opening stores in the metros and there was an urgent need for a reliable enterprise wide application to help and run its business effectively. The basic need was to have a robust transaction management system and an enterprise wide platform to run the operations. The company was looking for a solution that would bring all of its businesses and processes together. After a comprehensive evaluation of different options, the management of the company decided to go for ERP to keep itself competitive in the rapidly growing Indian retail market.

Read the above carefully and answer the following:

- (a) What do you mean by ERP Systems? Explain in brief.
 - (b) Do you agree with the decision of the management? Validate your answer in any of the case with suitable points.
 - (c) ERP implementation also engenders a host of fears'. Briefly explain those fears.
 - (d) What may be the business risks that ABC India Ltd. can face while migrating to real time integrated ERP system? (5 × 4 = 20 Marks)
2. (a) Discuss major Boundary Control Techniques in brief. (8 Marks)
- (b) Describe the metrics used for the evaluation of effectiveness and efficiency of the system maintenance. (4 Marks)
- (c) Explain the Duties of Certifying Authorities with respect to the Section 30 of Information Technology (Amendment) Act, 2008. (4 Marks)
3. (a) XYZ Ltd., primarily engaged in games development is in the process of automation of its various business processes. After considering all the relevant factors, the technical consultant of the company recommended to follow a combination of prototyping and waterfall model for the project implementation. Identify the model and explain its basic principles. (8 Marks)

- (b) What are the major contents of a permanent audit file? Explain in brief. (4 Marks)
- (c) Discuss major weaknesses of Packet Filtering Firewalls. (4 Marks)
- 4. (a) What do you understand by the term 'Risk Assessment'? Also discuss the areas needed to be focused for the risk assessment. (8 Marks)
- (b) Explain various tasks to be undertaken in 'Business Impact Analysis' phase. (4 Marks)
- (c) Describe major design principles with reference to SDLC in brief. (4 Marks)
- 5. (a) What do you mean by an Expert System? Explain some of its business applications. (8 Marks)
- (b) Discuss detailed controls and objectives of 'Communications and Operations Management' with reference to Information Security Management System (ISMS). (4 Marks)
- (c) Describe three levels of implementation of databases in brief. (4 Marks)
- 6. (a) Describe various tasks covered under the second phase of developing a business continuity plan i.e. 'Vulnerability Assessment and definition of requirement'. (8 Marks)
- (b) Explain data integrity policies in brief. (4 Marks)
- (c) During the review of hardware, how will you review the hardware acquisition plan? (4 Marks)
- 7. Write short notes on any four of the following:
 - (a) Time Bomb and Logic Bomb
 - (b) Corrective and Adaptive Maintenance
 - (c) Differential Backup
 - (d) Big Bang and Phased Implementation of ERP
 - (e) [Section 90] Power of State Government to make rules of Information Technology (Amended) Act, 2008. (4 × 4 = 16 Marks)