Code: CT43 **Subject: IT MANAGEMENT**

ALCCS – NEW SCHEME

Time: 3 Hours | **AUGUST 2012** | Max. Marks: 100

PLEASE WRITE YOUR ROLL NO. AT THE SPACE PROVIDED ON EACH PAGE IMMEDIATELY AFTER RECEIVING THE QUESTION PAPER.

NOTE:
- **Question 1 is compulsory and carries 28 marks. Answer any FOUR questions from the rest. Marks are indicated against each question.**
- **Parts of a question should be answered at the same place.**

Q.1   a. What are the common solutions provided by the top ERP System Providers?

b. Write a short note on business process re-engineering.

c. State any four reasons why an organization needs an efficient information system.

d. What are the primary risks to business from computer frauds?

e. Why functional information systems are known as back-bone of any organization?

f. What are the factors to be considered for selecting appropriate conversion strategies?

g. How denial of service attack can be controlled?

(7×4)

Q.2   a. What is meant by Transaction Processing System (TPS)? What are various objectives of TPS?   **(6)**

b. Differentiate between Batch Processing and On-line Transaction Processing.   **(4)**

c. Explain briefly the following output of a TPS:
(i) Action reports
(ii) Information reports
(iii) Turn-around reports
(iv) Edit reports.   **(8)**

Q.3   a. What is Business Process Re-engineering (BPR)? What are the characteristics of BPR?   **(6)**

b. Describe various flows involved in SCM.   **(6)**

c. How e-business is different from e-commerce? What are various resources required for successful implementation of e-commerce?   **(6)**

Q.4 a. Write a note on emerging trends in enterprise computing.   **(6)**

b. State the factors upon which "make or buy" decisions of application software depends.   **(6)**

c. How parallel conversion is different from phased conversion? Which one is better for implementation of MIS?   **(6)**

Q.5 a. What for CMMI is used? Explain various levels of CMMI.   **(9)**

b. There are two primary approaches to implement ERP systems – Big-Bang and Phased approach. Write advantages and disadvantages of both the systems.   **(9)**

Q.6 a. What are the objectives of Fire-wall? State various types of fire-wall.   **(7)**

b. What are various security risks associated with personal computers? How these risks can be controlled?   **(7)**

c. Describe health issues due to Net-addiction.   **(4)**

Q.7   Write note on any **FOUR** of the following:

(i)   Information technology audit
(ii) Porters competitive forces model
(iii) SCM integration with ERP
(iv) Request for proposal
(v)   Impact of IT on individuals, organizations and society.   **(4.5×4)**