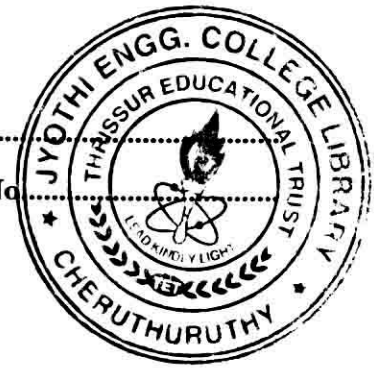


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Name.....

Reg. No.....



**SIXTH SEMESTER B.TECH. (ENGINEERING)  
DEGREE EXAMINATION, APRIL 2014**

(2009 Scheme)

CS/PTCS 09 L05—MANAGEMENT INFORMATION SYSTEM

(Regular/Supplementary/Improvement)

Time : Three Hours

Maximum : 70 Marks

**Part A**

*Short answer questions (one / two sentences).*

1. Differentiate between physical structure and conceptual structure of information systems.
2. Define computer network. Explain the different types of networks.
3. What are the features of Modern information systems ?
4. Why Quality Control is necessary in Information System Design ?
5. Define Executive Support System (EIS) and give two applications of it.

(5 × 2 = 10 marks)

**Part B**

*Answer any four questions.*

*Analytical / Problem solving questions.*

6. Briefly explain the various stages of a system development life cycle. How are the efforts distributed over these phases ? Discuss the information requirement for different stages of decision-making.
7. What do you understand by strategic planning for MIS ? Explain the relationship between corporate MIS plan and top management.
8. List three types of strategies in strategic planning. Explain any one.
9. Explain different network topologies, communication models modems and channels in detail.
10. List the steps involved in Information system planning.
11. Discuss the security and ethical issues of information system.

(4 × 5 = 20 marks)

**Part C**

*Answer section (a) or section (b) of each question.*

*Descriptive / Analytical / Problem solving questions.*

12. (a) Explain in detail about the effects of systems approach in information systems design.

Or

**Turn over**

(b) Explain about the Wi-Fi and Wi-Max wireless technologies.

13. (a) What is network ? Discuss the function and characteristics of local area network.

*Or*

(b) Explain Group Decision Support System (GDSS) and give two applications of it.

14. (a) Discuss about the kinds of information system and explain in detail about the transaction processing system (TPS).

*Or*

(b) Explain SIMON model of decision-making with appropriate diagram.

15. (a) List three types of strategies in strategic planning. Explain any one.

*Or*

(b) Explain the security and ethical issues of information systems.

(4 × 10 = 40 marks)