

PAPER 6: MANAGEMENT INFORMATION & CONTROL SYSTEMS

Important questions for Nov 2010

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**‘THESE ARE PROBABLES,
NOT ACTUALS !! ’**

CHAPTER 1	<u>BASIC CONCEPTS OF SYSTEMS</u> 1. What is Information ? What are its characteristics ? 2. Distinguish between a. Open & Closed System b. Probabilistic & Deterministic 3. Explain the concept of Sub-systems & Decomposition.
CHAPTER 2	<u>TRANSACTION PROCESSING SYSTEMS</u> 1. What is a TPS ? Explain Common Transaction processing cycles
CHAPTER 3	<u>BASIC CONCEPTS OF MIS</u> 1. What are the characteristics of an effective MIS & the Myths about MIS? 2. Discuss the categories of planning information requirements? 3. Describe the pre-requisites of an effective MIS. 4. Enumerate the limitations of MIS. 5. Explain the factors on which the Information requirement depend.
CHAPTER 4	<u>SYSTEMS APPROACH & DECISION MAKING</u> 1. Explain the importance of Material Requirement Planning. 2. Describe various information required for sales support & sales analysis.
CHAPTER 5	<u>DECISION SUPPORT & EXECUTIVE INFORMATION SYSTEMS</u> 1. What is an EIS. Discuss its characteristics. 2. What is a DSS. Discuss its characteristics & components. 3. Discuss the various software tools used in DSS. 4. Examples of DSS in Accounting.
CHAPTER 6	<u>ENABLING TECHNOLOGIES</u> 1. Server-centric Model. 2. Client server 3. Enumerate the characteristics & benefits of client/server architecture.

CHAPTER 7	<u>SYSTEM DEVELOPMENT PROCESS</u> 1. Discuss Prototyping approach to Systems development. (steps/advs/disadvs) 2. Briefly explain Systems Development methodology. 3. Write a short note on Project Management. 4. What is feasibility study ? explain various studies. 5. Discuss the various tangible & intangible benefits of a computerized system. 6. What are the various fact finding techniques used in system analysis. 7. Write a short note on Systems Component Matrix.
CHAPTER 8	<u>SYSTEMS DESIGN</u> 1. State the guidelines to be followed while preparing 'Printed Layout' & 'Visual Display Output'. 2. Discuss the important factors to be considered while designing inputs. 3. Discuss various guidelines to be followed for an efficient form design. 4. Discuss Characteristics of a code & various coding schemes.
CHAPTER 9	<u>SYSTEMS ACQUISITION, SOFTWARE DEVELOPMENT & TESTING</u> 1. Discuss the various factors to be considered in selection of a systems hardware. 2. Explain the concept of Benchmarking problems. 3. What are the sources of acquiring software ? 4. Discuss the factors to be considered while evaluating vendor proposals. 5. Discuss the three vendor evaluation techniques. 6. Discuss System Testing.
CHAPTER 10	<u>SYSTEMS IMPLEMENTATION & MAINTENANCE</u> 1. Explain the steps to be taken for successful installation of the equipment 2. Explain the important activities during conversion strategies. 3. Explain different Post evaluation techniques. 4. Discuss System maintenance.
CHAPTER 11	<u>DESIGN OF COMPUTERISED COMMERCIAL APPLICATIONS</u> 1. Sales Order Processing System : ONLINE , REAL TIME 2. Production Scheduling 3. Material inventory control 4. Cost Estimation

CHAPTER 12	<u>ENTERPRISE RESOURCE PLANNING</u> 1. What is an ERP ? What are the various benefits are an ERP. 2. Write a note on Business Process Re-engineering & Business Engineering. 3. Enumerate the guidelines to be followed during ERP Implementation. 4. Write short note on Post implementation review. 5. How will you establish and implement Critical Success Factors (CSFs) and Key Performance Indicators (KPIs) is an organization for achieving the benefits of implementation of ERP?
CHAPTER 13	<u>CONTROLS IN EDP SET-UP : GENERAL CONTROLS</u> 1. Backup & Recovery features in a DB environment. 2. Generation Technique of Backup. 3. Explain how Source Program Library helps to deter unauthorized program changes 4. Explain Component failure & subversive threats. 5. Discuss a) Firewall & its types b) Encryption 6. Explain the risks with personal Computers ? Also discuss the controls & measures to prevent them.
CHAPTER 14	<u>CONTROLS IN EDP SET-UP : APPLICATION CONTROLS</u> 1. Explain file control procedures. 2. Audit trial controls. 3. Discuss few field interrogation & record interrogation techniques.
CHAPTER 15	<u>DETECTION OF COMPUTER FRAUDS</u> 1. What are the primary risks to a business organization ? 2. What steps can be taken to detect computer frauds ? 3. Explain various Computer Abuse Techniques. 4. Discuss Disk Imaging & Analysis Technique.
CHAPTER 17	<u>AUDIT OF INFORMATION SYSTEMS</u> 1. What are the various Concurrent Audit Techniques? 2. Discuss the framework in audit of Program Modification.
CHAPTER 18	<u>INFORMATION SECURITY</u> 1. What are the core Principles of IS. 2. Steps involved in implementation of Information Security. 3. Outline the contents of IS Policy & give an example.
CHAPTER 19	<u>CASE TOOLS</u> 1. Explain various Financial ratio analysis. 2. Enumerate various CASE tools. 3. Distinguish between CASE tools, workbenches & environment.

ALL THE BEST !!

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