

PAPER 6: MANAGEMENT INFORMATION & CONTROL SYSTEMS

Important questions for May 2010

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- The questions marked are purely predicted based on examination trends.
- The team involving drafting of the below questions does not have any access to whatsoever ICAI boards, committees or any other body in examination.
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- The team does not bear any responsibility for appearance or non-appearance of the below marked questions.

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

CHAPTER 1	<u>BASIC CONCEPTS OF SYSTEMS</u> 1. What is Information ? What are its characteristics ? 2. Explain the concept of Sub-systems & Decomposition.
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. Discuss the various constraints in operating an successful MIS.
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.
CHAPTER 6	<u>ENABLING TECHNOLOGIES</u> 1. Briefly explain the components of client/server architecture. 2. Server-centric Model. 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 Data Dictionary & Systems Component Matrix.
CHAPTER 8	<u>SYSTEMS DESIGN</u> 1. What important factors are to be considered while designing System Output ? 2. State the guidelines to be followed while preparing 'Printed Layout' & 'Visual Display Output'. 3. Discuss various guidelines to be followed for an efficient form design. 4. Discuss 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. Discuss the various stages in an in-house program development. 4. What are the sources of acquiring software ? 5. Discuss the three vendor evaluation techniques. 6. Discuss System Testing.
CHAPTER 10	<u>SYSTEMS IMPLEMENTATION & MAINTENANCE</u> 1. Explain the importance of Personnel training. 2. Explain the important activities during conversion strategies. 3. 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 are the various benefits are an ERP. Also enumerate its features 2. Write a note on Business Process Re-engineering & Business Engineering. 3. Enumerate the guidelines to be followed during ERP Implementation. 4. Explain the criterion for evaluation of ERP Packages. 5. Write short note on Post implementation review
CHAPTER 13	<u>CONTROLS IN EDP SET-UP : GENERAL CONTROLS</u> 1. Explain the controls to be established in an Organisation structure. 2. Explain various System Development Controls. 3. Explain Component failure & subversive threats. 4. Discuss the various physical security concerns for a computer center. 5. 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. 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. 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 Computer Security.
CHAPTER 18	<u>INFORMATION SECURITY</u> 1. What is Information Security ? Explain its objectives. 2. What are the core Principle of IS. 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 !!

IF THIS MATERIAL WAS OF USE:

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