

PAPER 6: INFORMATION SYSTEMS CONTROL & AUDIT

Important questions for May 2010

Disclaimer

- 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>INFORMATION SYSTEMS CONCEPTS</u> 1. What is Information ? What are its characteristics ? 2. Explain the concept of Sub-systems & Decomposition. 3. What are the characteristics of an effective MIS & the Myths about MIS? 4. Discuss the categories of planning information requirements? 5. Describe the pre-requisites of an effective MIS. 6. Discuss the various constraints in operating an successful MIS. 7. What is an EIS. Discuss its characteristics. 8. What is a DSS. Discuss its characteristics & components. 9. Discuss the various software tools used in DSS.
CHAPTER 2	<u>SYSTEMS DEVELOPMENT LIFE CYCLE METHODOLOGY</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. 8. What important factors are to be considered while designing System Output 9. State the guidelines to be followed while preparing 'Printed Layout' & 'Visual Display Output'. 10. Discuss various guidelines to be followed for an efficient form design. 11. Discuss various coding schemes. 12. Discuss the various factors to be considered in selection of a systems hardware. 13. Explain the concept of Benchmarking problems. 14. Discuss the various stages in an in-house program development. 15. What are the sources of acquiring software ? 16. Discuss the three vendor evaluation techniques. 17. Discuss System Testing. 18. Explain the importance of Personnel training. 19. Explain the important activities during conversion strategies. 20. Discuss System maintenance.

CHAPTER 3	<u>CONTROL OBJECTIVES</u> 1. Discuss the effect of computers on internal controls. 2. Discuss Key Maintainability Controls. 3. Short Note on : Firewalls 4. Discuss : Preventive controls, Detective controls, Corrective controls & Compensatory control. 5. What are the procedures which are evaluated for assessing logical access control?
CHAPTER 4	<u>TESTING - GENERAL & AUTOMATED CONTROLS</u> 1. What are the different types of test plans? 2. Discuss : White box Testing, regression testing, Error Handling technique, inter system testing & manual support testing. 3. Describe various concurrent audit tools? 4. Discuss review of LAN.
CHAPTER 5	<u>RISK ASSESSMENT METHODOLOGIES AND APPLICATIONS</u> 1. Define risk, threat, vulnerability and exposure? 2. Differentiate between threat and vulnerability. 3. Describe various threats in the computerised environment? 4. What is risk assessment? How is it performed? (Areas of focus) 5. Various Risk evaluation techniques 6. How is risk mitigated in an organisation? (Risk Mitigation techniques)
CHAPTER 6	<u>BUSINESS CONTINUITY PLANNING & DISASTER RECOVERY PLANNING</u> 1. What are the various phases of developing a business continuity plan? 2. Describe various types of back-up techniques? 3. What is the importance of back-up redundancy? 4. What is a single point failure analysis ? 5. What is the importance of taking an insurance as a back-up measure. Describe various kinds of insurance? 6. Describe the various disaster recovery testing? Describe the testing procedure?

CHAPTER 7	<u>AN OVERVIEW OF ERP</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 8	<u>IS AUDITING STANDARDS , GUIDELINES, BEST PRACTICES</u> 1. CMM Framework 2. COBIT : Domains 3. SysTrust & WebTrust 4. SAS - 70
CHAPTER 9	<u>DRAFTING OF IS SECURITY POLICY, AUDIT POLICY, IS AUDIT REPORTING</u> 1. What are the objectives if information security? How does an information security policy help in achieving those objectives? 2. What are the various types of Information Security Policy? What is the hierarchical relationship between the policies? 3. Describe the content of a standard IS Audit report
CHAPTER 10	<u>INFORMATION TECHNOLOGY ACT</u> 1. IT AMENDMENT ACT, 2008

ALL THE BEST !!

IF THIS MATERIAL WAS OF USE:

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