

PAPER 6: INFORMATION SYSTEMS CONTROL & AUDIT

Important questions for May 2013

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 Board of Studies, examination boards, committees or any other body of ICAI.
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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 3	<u>CONTROL OBJECTIVES</u> <ol style="list-style-type: none"> 1. Effects of Computers on IS Audit & Internal Controls 2. Functions, Roles & Responsibility of an IS Auditor. 3. Steps in IS Audit. 4. Categories of Controls (in Brief – different categories and its components) 5. Audit Trail Objectives. 6. Encryption, Cryptography, PKI 7. Firewall and its types 8. SLA 9. Various Technical Exposures, Asynchronous attack Techniques and Computer Crime exposures. 10. Virus, Anti-Virus and types of Anti-Virus software. 11. Physical Controls measures 12. Controls for Environmental exposures
CHAPTER 4 **	<u>TESTING - GENERAL & AUTOMATED CONTROLS</u> <ol style="list-style-type: none"> 1. Various Phases of IS Control Audit 2. Discuss components that an auditor must document during the testing phase 3. What are the different levels of test plans? 4. Audit Tools & Continuous Audit Techniques
CHAPTER 5	<u>RISK ASSESSMENT METHODOLOGIES AND APPLICATIONS</u> <ol style="list-style-type: none"> 1. Define terms - risk, threat, vulnerability, attack, exposure and Residual Risk ? 2. Differentiate between Systematic & Unsystematic Risk. 3. Various Risk evaluation techniques 4. How Risk ranking is performed ? 5. What are the different Risk Strategies ? 6. How is risk mitigated in an organisation? (Risk Mitigation techniques) 7. Insurance – types and areas of coverage

CHAPTER 6	<u>BUSINESS CONTINUITY PLANNING & DISASTER RECOVERY PLANNING</u> <ol style="list-style-type: none"> 1. What is BCP & what are the various phases of developing a business continuity plan? 2. Describe various Backup techniques. 3. Describe various alternate site facilities & reciprocal agreements. 4. What is the importance of back-up redundancy? 5. Describe the various disaster recovery testing? Describe the testing procedure? 6. Audit tools techniques in BCP & DRP testing 7. Short note on <ol style="list-style-type: none"> a. BIA b. Single point failure
CHAPTER 7	<u>AN OVERVIEW OF ERP</u> <ol style="list-style-type: none"> 1. What are the various benefits are an ERP. Also enumerate its features. 2. Myths about ERP. 3. Write a note on Business Process Re-engineering. 4. Steps in Implementation of an ERP & ERP Evaluation. 5. Write short note on Post implementation review. 6. Risk & Governance in Implementation of an ERP 7. List a few ERP Packages 8. Important modules in SAP: <ol style="list-style-type: none"> a. Treasury Management b. Cost Control c. Material Management
CHAPTER 8	<u>IS AUDITING STANDARDS , GUIDELINES, BEST PRACTICES</u> <p>Short Notes on</p> <ol style="list-style-type: none"> 1. ISO 27001: Areas of Focus 2. CMM & levels 3. CoCo, COSO 4. HIPAA – Safeguards 5. Systrust & Webtrust

CHAPTER 9	<u>DRAFTING OF IS SECURITY POLICY, AUDIT POLICY, IS AUDIT REPORTING</u> <ol style="list-style-type: none"> 1. What are the objectives of information security? How does an information security policy help in achieving those objectives? 2. What are the various types of Information Security Policy? 3. Access control in Information Security 4. What role is Information Systems Audit policy expected to play in ensuring information security? What are the objectives of IS Audit? 5. IS Audit Plan
CHAPTER 10	<u>INFORMATION TECHNOLOGY ACT</u> <ol style="list-style-type: none"> 1. IT AMENDMENT ACT, 2008 2. Definitions 3. Electronic signature 4. Chapter IV – Time, place and receipt of records 5. Penal Provisions 6. Power of Central and State Govt 7. Liability of Companies 8. Cyber Appellate Tribunal

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