

CA FINAL - ISCA Important for May 2015 Attempt by

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Chapter 1: Concepts of Governance and MIS [Probable weightage: 8-12 Marks]

1. Governance dimensions
2. Steps to be followed for aligning IT Strategy with Enterprise Strategy
3. 5 Risk management strategies.
4. COBIT 5.0, Benefits of COBIT, 5 Principles of COBIT [V.IMP] and 7 Enablers of COBIT.

Chapter 2: IS Concepts [Probable weightage: 10-15 Marks]

1. Types of System.
2. Information and its Attributes.
3. Components of CBIS.
4. Characteristics of CBIS.
5. What is TPS and explain its features.
6. What is MIS?
7. Misconceptions of CBIS,
8. Characteristics of CBIS,
9. Constraints in operating CBIS
10. Limitations of CBIS.
11. Characteristics of Decision support system?
12. Contents of EIS / Guidelines to Design the EIS.
13. Benefits of expert system
14. Knowledge which a manager should possess to operate IS effectively and efficiently? [V. IMP]

Chapter 3: Protection of IS [Probable weightage: 10-15 Marks]

1. What is Risk and why do Gap arise?
2. Objectives of IS Security
3. What is IS Policy and what are its contents [Imp]
4. Types/ Hierarchy of IS Policy
5. Effect of Computer / technology in internal control
6. What is meant by compensatory control
7. What is Boundary control and explain different boundary control techniques.
8. Logical access paths
9. What are the different types of
 - a. Technical exposures if logical access controls are absent
 - b. Computer crime exposures if logical access controls are absent or legal repercussions for cyber frauds
 - c. Asynchronous attacks
10. Techniques to commit cyber frauds. [Short question]

Chapter 4: BCP & DRP [Probable weightage: 6-10 Marks]

1. What is meant by BCM? Explain the terms associated with BCM.
2. BCP Manual?
3. Advantages of Business continuity.
4. BCP Policy? Objectives of BCP policy? [V. Imp]
5. What is meant by BCP? Areas covered by BCP.
6. Objectives and Goals of BCP?
7. What is BIA?
8. Discuss Test plan?
9. Alternate processing facilities arrangements? [Imp]

Chapter 5: Acquisition, development and implementation of IS [Probable weightage: 15-20 Marks]

1. Reasons for failure of System development activity?
2. Discuss System development methodology?
3. 6 approaches for System development [Most imp: Prototype, RAD & Spiral]
4. What are the points to be addressed in Delineation of Scope?
5. Fact finding technique? [Hint: Phase 2]
6. What are Points to address while analyzing Present system? [V. Imp]
7. What is meant by SRS? Explain its contents?
8. What is meant by Data Dictionary?
9. Designing System output & System Input? [V. Imp]
10. 4 Design Principles? [Short note]
11. Methods for Validation Vendors Proposal? [Hint: 5 Methods discussed in Phase 4]
12. Characteristics of good Coded Program? [Imp]
13. Total testing phase [Phase 5] is important. [Contains Unit testing, Integration testing, System testing and User acceptance testing]
14. What are the activities involved in System conversion? [Hint: 4 activities discussed in Phase 6]
15. System implementation conversion strategies?
16. What is PIR? Methods?
17. System maintenance and its types

Chapter 6: Auditing of IS [Probable weightage: 10-15 Marks]

1. Need for Audit of IS?
2. Skill set that an IS auditor should possess for Auditing IS environment? [V. Imp]
3. Categories of IS Audit?
4. Steps in IT Audit?
5. Categories of Risk [Hint: Inherent Risk, Control Risk, Detection Risk] - [V. Imp]
6. 4 different types of Audit tools [Hint: Snapshot, ITF, SCARF, CIS] - [V. Imp]
7. Advantages and disadvantages of Continuous Auditing?
8. Audit trial and its Objectives?
9. What are the task performed by OS or Importance of OS? - [V. Imp]
10. Discuss Various Backup Strategies?
11. Discuss System development Control [Hint: 4th General control]
12. Internet and Intranet control?
13. Processing Control? [Hint: 2nd Application control]

Chapter 7: Information Technology Regulatory Issues [Probable weightage: 10-15 Marks]

1. Objectives of IT Act, 2000
2. Exceptions to Cyber law
3. Section 3, 4, 5, 6, 7, 8, 9 [Section 7 - V. IMP]
4. Section 43, 66A, 66F, 69, 76, 75, 85
5. Requirement criteria for System Audit [IRDA, RBI]
6. Cyber Forensic Audit
7. Key benefits of ISO 27001
8. Reasons why a company should adopt ISO 27001 [V. IMP]
9. ITIL [V. IMP]

Chapter 8: Emerging Technologies [Probable weightage: 10-15 Marks]

1. What is Cloud computing, Issues with Cloud computing [V.IMP],
2. Cloud computing environment, IAAS, PAAS, SAAS, Characteristics of Cloud computing, and Challenges relating to cloud computing. [In short: All questions of cloud computing are important]
3. BYOD and emerging BYOD Threats?
4. What is Web 2.0 and what are its components?