

FOR PREMIER ACADEMY – CS R. BHARATH KUMAR

## ISCA – IMPORTANT QUESTIONS NOV 2015 EXAMS

### Chapter 1 – Governance & MIS

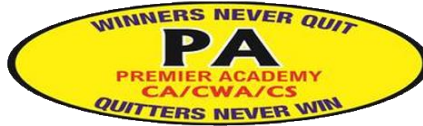
1)	Two Dimensions of Governance
2)	Major Benefits of Governance (General Governance and not IT Governance)
3)	COBIT 5 – Enablers ( RTP Nov 2015)
4)	Key Governance Practices of Risk Management
5)	Key Governance Practices of GEIT
6)	Risk Management Strategies
7)	Key Management Practices for Implementing Risk Management
8)	COBIT – Components
9)	COBIT – Five Principles
10)	Key Metrics which can be used for evaluating use of IT (Refer Practice Manual Q.No 6)

### Chapter 2 – Information Systems Concepts

1)	Types of Operations System – Strategic, Management, Knowledge, Operational level systems
2)	Information and its Attributes/Characteristics
3)	Management Information System a) Characteristics ( MMM IS CCC) b) Mis-Conceptions/Constraints/Myths
4)	Expert System – Meaning and Business Applications
5)	Need for Expert System
6)	Meaning and Characteristics of Executive Information Systems
7)	Meaning and Characteristics of Information system

### Chapter 3 – Protection of Information System

1)	Information Systems Security and its objectives
2)	Components of Good Security Policy
3)	Categories of Control based on objectives
4)	Documentation aspects in Organisation Control
5)	Financial Control Techniques
6)	Classification of Information
7)	Asynchronous Attacks and Technical Exposures – Logical Access Control
8)	Logical Access Control- Paths



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#### Chapter 4 – Business Continuity Planning and Disaster Recovery Planning

1)	BCP – Objective and Goals
2)	BCP Methodology and Phases
3)	Business Impact Analysis
5)	Types of Plans
6)	Types of Back up
7)	Administrative procedures- BCP Audit (RTP Nov 2015)

#### Chapter 5 – Acquisition, Development and Implementation of Information Systems

1)	Analysis of present system
2)	System Development Methodology – Spiral, RAD and Rapid Application Development Model
3)	Fact finding Techniques ( Requirement Analysis – Waterfall Approach)
4)	Methods of Validating Vendor Proposal
5)	Characteristics of Good Coded Program
6)	Types of System Testing
7)	System Maintenance ( <b>RSCAP</b> )
8)	System Development Tools (CUDD)

#### Chapter 6 – Auditing of Information Systems

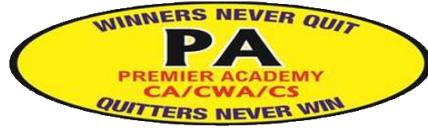
1)	Discuss Different categories of Information System Audit
2)	Discuss Audit Trail and how it can be used to achieve enterprise objectives ( RTP Nov 15)
3)	Different Types of Continuous Audit Techniques (More importance to be given to Snapshot, CIS)
4)	Advantages and Disadvantages of Continuous Audit Techniques

#### Chapter 7 – Information Technology Regulatory Issues

1)	Objectives of IT Act
2)	Secure Electronic Signature
3)	Penal Provisions of IT Act
4)	Requirements of IRDA / RBI for Systems and Control Audit
5)	IT Infrastructure Library Framework (Amendment) – RTP Nov 2015
6)	National Nodal Agency
7)	Retention of Electronic Records - RTP Nov 2015

#### Chapter 8 – Emerging Technologies

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1)	BYOD & Threats
2)	Cloud Computing – Types, Architecture
3)	Web 2.0
4)	Mobile Computing