INFORMATION SYSTEMS CONTROL AND AUDITS
Most Important Questions – MAY 2015 CA (Final)

Chapter – I – Concept of Governance

➔	Corporate Governance / Business Governance Dimension
➔	**Major benefits of Governance**
➔	Key benefits of GEIT
➔	Key functions of IT Steering Committee
➔	**Key Management Practices - Aligning IT strategy with enterprise strategy**
➔	**Key Management Practices - for implementing risk management**
➔	Key Management Practices - for ensuring external compliance to the enterprise
➔	Key Management Practices - evaluating whether business value derived from IT
➔	Key Governance Practices - of GEIT
➔	**Key Governance Practices - of risk management**
➔	Areas of review by internal auditor as a part of review of GRC
➔	**Various risk management strategies**
➔	COBIT 5 - Five principles
➔	COBIT 5 - Seven Enablers
➔	**COBIT 5 – Components**

Chapter – II – Information systems concepts

➔	**Different types of information system**
➔	**TPS – Key activities, Components, basic features**
➔	**MIS – Major characteristics**
➔	**MIS – Major misconception**
➔	MIS – Constraints
➔	MIS – Major limitations
➔	DSS – Characteristics
➔	EIS – Characteristics
➔	**EIS Vs. Traditional Information systems**
➔	Important implication of information system
➔	**Information system attributes**

Chapter – III – Protection of Information of Systems

➔	Information security objective
➔	Information security policy and their hierarchy
➔	**Components of good security policy**
➔	**5 interrelated components of internal controls**
➔	**Critical control lacking in a computerized environment**
➔	Preventive, Detective, Corrective control – Characteristics
➔	Compensatory control – basic understanding
➔	**Financial control – Techniques**
➔	**Boundary control – Techniques**
➔	**Date base control – Update and Report control**
➔	5 types of classification of information
➔	**Asynchronous attacks – various types**
➔	Access control mechanism – 3 steps
➔	**Physical access control – Techniques**
➔	**Techniques' to commit cyber fraud**

Chapter – IV – Business Continuity Planning

➔	**Definition of Business Continuity Planning**
➔	**Objective and Goals of BCP**
➔	**BCP methodology and Phases**
➔	BCM documentation and records

Best Wishes from Chakravarthi Murali, Chennai

E-mail: Quickinsightdt@gmail.com

INFORMATION SYSTEMS CONTROL AND AUDITS
Most Important Questions – MAY 2015 CA (Final)

➔	Types of Plan
➔	**Alternate back-up facility / back up option, third party recovery**
➔	DRP Documentation
➔	**Sound methodology of business resumption planning**

Chapter – V – Development of system

➔	Why an organization fails to achieve system development objective
➔	**Prototyping model strength and weaknesses**
➔	Rapid development model strength and weaknesses
➔	IS audit advantages – SDLC
➔	System requirement specification – objectives and documentation
➔	**Fact finding techniques**
➔	**Analysis of present system**
➔	**Method of validating vendor proposal**
➔	Good coded program – characteristics
➔	Types of system testing
➔	Implementation strategies
➔	Implementation activities
➔	Post implementation review
➔	System Maintenance

Chapter – VI – Audit of Information Systems

➔	Set of skills expected with an IS Auditor
➔	**5 types/categories of IS Audits**
➔	6 Stages of information system audit
➔	technology environment and control issues
➔	4 steps to be followed for risk based approach
➔	**Snapshot**
➔	**SCARF – Techniques**
➔	**Adv and disadv Of continuous audit techniques**
➔	Continuous and intermittent simulation
➔	Audit trail objective

Chapter – VII – IT Regulatory Issues

➔	**The Objective of IT Act**
➔	**Section 3 – 15, 66F, 73, 75**
➔	Requirement of IRDA – Systems Controls and Audit
➔	Requirement of RBI – Systems Controls and Audit
➔	Requirement of SEBI – Systems Controls and Audit
➔	**ITIL Framework**

Chapter – VIII – Emerging Technologies

➔	**Cloud computing – Architecture**
➔	Cloud computing – Environment
➔	**Cloud computing – Models**
➔	**Cloud computing – Characteristics**
➔	Cloud computing – Advantages
➔	Cloud computing – Challenges
➔	**Mobile computing & Benefits**
➔	**BYOD & four types of risks**
➔	**Web 2.0 & Major components**

Best Wishes from Chakravarthi Murali, Chennai

E-mail: Quickinsightdt@gmail.com