



CA INTER EISSM Important Topics For Jul'21

Hello Students,

I hope your preparations are going well and you are taking care of your health. At this stage it is more important to be focused and to manage stress. Believe in yourself and your efforts.

Remember that the institute is only going to check what you know, not what you don't know. So, please remain confident and do well in all papers. As for EISSM, I hope our classes and class discussions have been helpful in retaining and managing this subject. This subject often creates stress among students as retention often seems an issue. Revise well and that will be the key to scoring well! How well you revise in last 1.5 days will decide your ultimate performance!

I have herewith included certain more important topics which must not be missed by anyone. It, however, in no ways means that the others are less important. This list will also cover about 75% - 80% of the syllabus and hence it is simply a Checklist of certain topics that we consider Important, based upon our analysis. However, the topics have been properly classified into categories of importance to make you understand which topics to put greater stress!

Since there are Certain Amendments in our Subject, it goes without saying that they will all be very important for our exams and hence must be done well.

Refer to the Class Discussions to connect to the topics and their relevance. The topics have been classified as per their importance for Jul 21. However, students are advised to cover the entire syllabus as per class discussions and pay more stress on the topics as per their importance below.

Feel free to contact us for any doubts and queries.

And remember, *"EFFORT ALONE BRINGS SUCCESS"*

My best wishes are always with you!!

God Bless!!

SANJAY KHEMKA

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CHAPTERWISE IMPORTANT TOPICS

Enterprise Information System (EIS) - The EIS Part is of 50 marks of which the MCQs will be 15 marks and the Descriptive Paper will be 35 Marks. The Descriptive Questions (including Options) will be of 47 Marks. We have given the Marks Weightage and Important Topics for the 47 Marks below:

Chap 1- Around 8-10 Marks

- 1) **V.IMP**- Which Process should be automated, Challenges in BPA, HR Process-Risk & Controls, Business Risk, SPDI, Factors Affecting BPA, OTC Cycle, IT Act provisions specially 66F, 43A,43, Computer Related Offences
- 2) **IMP**- Steps of BPA, Risk Management Terms, Limitations of IC System, Control Activities, Benefits of IC System (Pg1.32), Categories of Business Process, Flowchart (Sum), SMART, ITGCs
- 3) **Must See**- 3E's of BPM, Technology Risk, Characteristics of Risk, Components of IC, List of Generic Reasons, Indicators of Effective IC, ERM Benefits, IT Act Penalties
- 4) **Could Be There**- Flowchart Disadvantages, DFD Definition, Configuration | Masters | Transaction Risks and Controls for processes, Sec 134/143, Concept of Privacy, Risk Management Strategies, ERM Components

Chap 2- Around 10 Marks

- 1) **V.IMP**- ERP Risks Category wise (specially Technology), ERP All Modules with Special Focus on Controlling & Sales & Distribution, Plant Maintenance, Quality Management, MIS Characteristics, BI Reasons, Benefits
- 2) **IMP**- Types of Data, Types of Voucher, Questions to be asked in ERP Audit, Sale Process, Purchase Process, Reporting System, XBRL Types of Users & Regulators, Why separate front end and back end, Data Analytics Applications
- 3) **Must See**- HR, Production & Supply Chain Module, Data Analytics- Types and Process, XBRL Features and Testable Rules, Single Accounting and Tax Software vs Separate Tax Software, ERP Benefits, 3-Tier Application Architecture,
- 4) **Could Be There**- Basic Defns, why do we need Master Data, Voucher Peculiarities, Ledger Grouping, Auditing aspects of ERP, Requirements of BPM, CRM Benefits, Accounting Process, Integration of ERP Modules, RBAC Types, Cloud Application vs Installed Applications,

Chap 3- Around 10 Marks

- 1) **V.IMP**- RAM vs ROM, Register vs Cache, Primary vs Secondary, Difference between Database, Datawarehouse and Data Mining, Benefits of Big Data & Datawarehouse, Adv of DBMS, Data Mining Steps, Managerial Controls (especially Top Mgt, SDLC, Data Resource, Operations), IS Audit Tools (Short Note), Logical Access Violators, IS Audit Objectives
- 2) **IMP**- DBMS Models (specially Relational & OODBMS), Classification of Controls on the basis of Objective & their Characteristics, Technical Exposures in Logical Access, Operating System Controls, IS Audit Objectives, Audit Trail Objectives, Reasons for Change in Org Structure, How to Mitigate SOD Issues, DBMS Hierarchy, Asynchronous Attacks

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- 3) **Must See-** Storage Devices, Cache Memory, Network-Benefits & Issues with Modelling, Critical Controls Lacking in Computerized Environment, Environmental Controls (specially Fire & Water), Physical Access Controls (Locks, Logging & Others), Data Coding Errors, Processor Controls, Types of SDLC Audit, Auditing Managerial Controls, Benefits of Standard Job Title, Category-wise Job Titles, Logical Access Controls Categorywise,
- 4) **Could Be There-** Types of Output, Components of IS, Types of Hardware, Types of Software, Datawarehouse designing criteria and 2 primary schools, Disadv of DBMS, Network Types & Value through Telecommunication, Application Controls Category wise & the Audit Trails for the same, Auditing Environmental, Physical & Logical Access Controls, Individual Roles & Responsibilities, Activities of OS, Need for Controls & Audit

Chap 4- Around 10-12 Marks

- 1) **V.IMP-** Commercial Laws Governing E-commerce, E-commerce Markets and Models, Risks of E-commerce, Digital Payments (Traditional, New, Adv & Disadv), Virtualization Applications, Cloud Service Models (specially IAAS & its Characteristics), Mobile App modules, Trends in E-commerce, Grid Application Areas
- 2) **IMP-** IOT Applications and Risks, E-commerce via Internet & Mobile App, Benefits of Ecommerce, Cryptocurrency, Pertinent Issues with Cloud Computing, AI- Applications and Risks
- 3) **Must See-** Web 3.0 & its Components, E-commerce vendor needs to ensure the following, Types of Clouds (specially community, private), Work Flow Diagram of E-commerce, Grid Computing- Benefits, Resources that can be shared
- 4) **Could Be There-** Types of Virtualization, Cloud Computing Characteristics, Adv & Disadv, Mobile Computing Components, Working Process and Benefits, BYOD Advantages, E-commerce Defn and difference with Traditional E-commerce, Persons who have to put controls in E-commerce and the Important Controls, IT Risks as per SA 315 and the Controls for cyber risks, Steps in E-commerce, Components of Technology Infrastructure, E-commerce Components, Grid Security Issues, Green Computing Best Practices

Chap 5-Around 8-10 Marks

- 1) **V.IMP-** CBS- Key Modules, Risks Associated with CBS, Types of Servers, CBS implementation Steps, CBS Core Processes- CASA (6), Treasury (3) and Risks & Controls, PMLA Sections (Sec 63,70), Defn of Money Laundering, New Methods of Money Transfer, Information Security Sub Processes & its Risks and Controls, Key Features of Banking,
- 2) **IMP-** Major Products of Banks, LC & Bank Guarantee, ECS Credit & Debit, Internal Controls in Banks, Sec 43 & b 43A of IT Act, CBS Examples,
- 3) **Must See-** Internet Banking Process, CBS Core Processes- Mortgage (10), Credit Card (5-5-3), Short Term Facility (8,3a, b, c), Classification of credit facilities, UN Computer Crime Classification
- 4) **Could Be There-** Core Features, Components, Key Aspects In-built in Architecture, Risks & IT Controls in Applications, Basel III, Banking and NI Act, Terrorism Financing, SPDI, Privacy Policy, IT Risks relating to CBS, IT Controls in Banks, Types of Loans, RBI Key Functions

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Strategic Management (SM) - The SM Part is of 50 marks of which the MCQs will be 15 marks and the Descriptive Paper will be 35 Marks. The Descriptive Questions (including Options) will be of 50 Marks. As per the paper pattern, there is 1 question from each chapter of approx. 5 marks and 2 additional questions. We have given the Marks Weightage and Important Topics for the 50 Marks below:

Chap 1- 5 Marks

- 1) **V.IMP**- Benefits of SM, Strategy is partly proactive and partly reactive, Limitations of Strategic Management
- 2) **IMP**- 3 Levels of Strategy/Strategic Management, Strategy/ Strategic Management
- 3) **Must See**- Concept of - Business Policy/ Management
- 4) **Could Be There**- Strategy is no substitute of sound management, 2-Fold Objectives of Strategic Management, Strategic Management in Non- Profit Org (especially educational/ Charitable)

Chap 2 - 5 Marks

- 1) **V.IMP**- Strategic Group Mapping and its procedure, ADL & Ansoff Concept, SWOT Concept and Significance, Difference with TOWS, Examples of SWOT, Concepts of – Experience Curve, Driving Forces, KSFs, PLC, BCG- Concept, Metaphors, Strategies
- 2) **IMP**- Use of Value chain for identifying core competencies, GE- Concept, Difference with BCG, Portfolio- Concept, 3 Important Concepts, In GE Market Attractiveness and Business Strength includes factors, Different levels of Strategies
- 3) **Must See**- Issues to consider is Strategic Analysis, Value Chain Analysis- Concept, Primary & Secondary Activities, Managing Internal & External Linkages, Competitive Advantage- Concept, Role of resources and capabilities, 4 characteristics for sustaining, Value Creation, Characteristics of Global Company, Globalization Concept
- 4) **Could Be There**- Core Competence- Concept, 3 areas/conditions, 4 criteria for sustaining competitive advantage to determine core competencies, Competitive Landscape- Concept and Steps to understand, Dominant Factors of Industry, Industry Analysis (7 Issues), Why cos go global

Chap 3 - 5 Marks

- 1) **V.IMP**- Strategic Management Model, Objectives Characteristics, Strategic Decisions & its Dimensions
- 2) **IMP**- Need for Short term & long-term objectives, Strategic Intent & its Elements
- 3) **Must See**- Vision & Mission - Concept, Examples, Environment Scanning, Strategic Planning & uncertainty, 5 Stages of Strategic Management
- 4) **Could Be There**-Mission Points for Writing, Understanding Mission & Purpose, Elements Essentials for drafting Vision

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Chap 4 - 5 / 10 Marks

- 1) **V.IMP**- Turnaround Strategy- Danger Signals and Action Plan, Stability is not a do-nothing strategy, Grand Strategies, Stability is the opposite of Expansion
- 2) **IMP**- Characteristics and Reasons for Stability and Expansion Strategy, Types of Intensification, Diversification, Strategic Alliances & its Adv & Disadv
- 3) **Must See**- Types of Mergers & Acquisitions, Elements of Turnaround
- 4) **Could Be There**- Classification of Strategies on various basis, Characteristics & Reasons for Turnaround & Combination Strategy, Difference between Divestment and Liquidation, Reasons for Divestment, Expansion through Strategic Alliance

Chap 5 - 5 / 10 Marks

- 1) **V.IMP**- Porter's 5 Forces, Barriers to New Entrants, Bargaining Power of Buyers & Suppliers
- 2) **IMP**- Difference between Cost leadership and Differentiation, Differentiation-Adv & Disadv, Basis of differentiation, Best Cost Provider
- 3) **Must See**- Competition tends to be cutthroat when, Cost Leadership- Achieving, Adv & Disadv
- 4) **Could Be There**- Who is customer, 3 Steps for Porter's 5 Forces, Focus Strategy- Achieving, Adv & Disadv, Focused Cost Leadership and Differentiation

Chap 6 - 5 / 10 Marks

- 1) **V.IMP**- Strategic Role of R&D Personnel, Why Functional Strategies are required, Various Promotional Techniques, Supply Chain Implementation Steps, Major Concerns Relating to HR Management
- 2) **IMP**- Price Skimming & Price Penetration, Strategic Marketing Techniques, Short Note on Production Strategy/ R&D Strategy, New Product Pricing, Logistics & Supply Chain- Concepts & Difference
- 3) **Must See**- Financial Strategy Key Areas, Examples of Financial Decisions, Strategic Role of HR, Strategic HR Management
- 4) **Could Be There**- Marketing Process & Marketing Strategy Inclusions, Marketing Mix- 4Ps/4Cs/7Ps, Approaches to Evaluating the Worth, Whether R&D should be done Inhouse or Outsource, Role of HR

Chap 7 - 5 Marks

- 1) **V.IMP**- How to resolve Strategy Culture Conflict, Responsibilities of a Strategic Leader, Entrepreneur & Intrapreneur
- 2) **IMP**- Network Structure & Multi Divisional Structure- Adv & Disadv, Culture-Ally & Obstacle
- 3) **Must See**- 3 Important Characteristics & Various Attributes of SBU, Simple Structure- Adv & Disadv, Leadership Styles, 3 Phases of Matrix as per Davis & Lawrence
- 4) **Could Be There**- Why change in Strategy requires change in structure, Hourglass Structure- Adv & Disadv, 5 Roles of a Manager, Functional & Divisional Structure- Adv & Disadv, SBU Structure & Matrix Structure - Adv & Disadv

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Chap 8 - 5 Marks

- 1) **V.IMP-** Strategy Audit-Concept, Need, Richard Rumelt's Criteria, Why is Strategy Audit Difficult today, Kurt Levin's Strategic Change, Difference between BPR & Other Drives, Strategy Formulation & Implementation Matrix, Efficiency & Effectiveness Matrix (Jeena, Marna), Forward Linkage and Backward Linkage, 3 methods of reassigning new pattern behavior proposed by H.C. Kellman
- 2) **IMP-** 3 Categories of Processes that can be reengineered, Role of IT in BPR, Problems with BPR, 3 Types of Organizational Control, 4 Types of Strategic Control, Types of Implementation Control, Benchmarking Concept & Steps
- 3) **Must See-** Strategy Implementation Concept, Strategic Change- Concept & Steps, Need for BPR, Elements in BPR, Steps in BPR
- 4) **Could Be There-** Strategy Formulation & Implementation Difference, Issues in Strategy Implementation, Defn of Business Process & BPR, Central Thrust of BPR, Strategic Control- Defn, Process

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