



CA INTER EISSM Important Topics For May'22

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 Important Amendments this term in our Subject, it goes without saying that they will be 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 May 22. 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 49 Marks. We have given the Marks Weightage and Important Topics for the 49 Marks below:

Chap 1- 2 Questions (Around 10 Marks)

- 1) **V.IMP-** Risk Management Terms, SPDI, **Advantages of Cyber Laws, Levels at which controls need to be checked** (configuration, masters & transactions), Factors Affecting BPA, OTC Cycle, IT Act provisions specially 66F, 43A,43, Computer Related Offences, Flowchart (Sum), Components of IC, Data Risk, **Asynchronous Attacks**, SMART, ITGCs, Concept of Privacy
- 2) **IMP-** Steps of BPA, Control Activities, Benefits of IC System, ERM Benefits, Technology Risk, Indicators of Effective IC, Fixed Assets Process, Risk Management Strategies,
- 3) **Must See-** 3E's of BPM, List of Generic Reasons, IT Act Penalties, Process of Budgeting, ICAI Guidance Note, Categories of Business Process, ERM Components, Configuration | Masters | Transaction Risks and Controls for processes, Which Process should be automated
- 4) **Could Be There-** Flowchart Disadvantages, DFD Definition, Sec 134/143, Justification for BPA, Business Risk, HR Process-Risk & Controls, Characteristics of Risk, Limitations of IC

Chap 2- 2 Questions (Around 8 Marks)

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

Chap 3- 3 Questions (Around 12 Marks)

- 1) **V.IMP-** Functions of IS, RAM vs ROM, Big Data and Big Data Benefits, Issues while modelling a business network, **Types of Registers**, Environmental Controls- Fire, Water, Electrical, Managerial Controls- **SDLC**, Programming, **Data Resource Management, Access Control Mechanism, Life Cycle of PIN**, Application Controls(mainly Boundary, **Output, Database**), IS Audit Tools, SOD- Eg and Definitions
- 2) **IMP- Auditing Application Controls**, Cache Memory, Primary Memory vs Secondary Memory, Database Models (specially Relational and OODMBS), Datawarehouse Concept & ETL & Benefits, Characteristics & Examples of Preventive/Detective/Corrective, Managerial Controls- Top Mgt, Quality, Operations, Security, Auditing Environmental Physical Controls,

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- 3) Must See-** Database Hierarchy, Designing Criteria, 2 Primary Schools for Datawarehouse Designing, Benefits of Network, Critical Controls lacking in a computerised environment, Physical Controls, Types of Locks, Logical Access Controls(mainly User, Operating System, Application), IS Audit Objectives, Audit Trail & its objectives, Auditing Managerial Controls, Types of SDLC Audit, Auditing User Access Provisioning, Categorywise Job Titles, Reasons for Change in Organisational Structure,
- 4) Could Be There-** IS Basic Concepts, Components of IS, Register vs Cache, Parts of a Processor, Activities of OS, Advantages & Disadvantages of DBMS, Data Mining Concept and Steps, Virtual memory, Types of Output, Data Concepts, Network Concept & Types, Network Access Controls, Need for Controls & Audit, Auditing Logical Access Controls (Categorywise)

Chap 4- 2 Questions (10 Marks)

- 1) V.IMP- Blockchain- Defn, Applications, Risks,** Steps in E-commerce, Benefits of Ecommerce, Commercial Laws Governing E-commerce, E-business Models & E-Marketing, Risks of E-commerce, Cloud Computing Others Instances, Mobile App modules, **Forces behind E-commerce Revolution**, Grid Application Areas, Cryptocurrency, , **E-rupi**, Pertinent Issues with Cloud Computing, Intrusion Prevention Measures, Controls by entities in e-business.
- 2) IMP-** IOT Applications and Risks, E-commerce via Internet & Mobile App, Components of Technology Infrastructure, AI & Machine Learning - Applications and Risks, Cloud Computing Disadv, Types of Clouds (specially community, private), 2-tier & 3-tier Architecture- adv & disadv, Basic Provisions of IT Act, Virtualization Applications, Cloud Service Models, SAAS Instances, BYOD Risks, Blockchain Controls, Limitations of Mobile Computing
- 3) Must See-** Web 3.0 & its Components, E-commerce vendor needs to ensure the following, Work Flow Diagram of E-commerce, E-commerce architecture via mobile app, Grid Computing- Benefits, Resources that can be shared, E-commerce Components, Grid Security Issues
- 4) Could Be There-** Digital Payments (Traditional, New, Adv & Disadv), Types of Virtualization, Cloud Computing Characteristics & Adv, Mobile Computing Components, Working Process and Benefits, E-commerce Defn and difference with Traditional E-commerce, Persons who have to put controls in E-commerce, IT Risks as per SA 315 and the Controls for cyber risks, Green Computing Best Practices

Chap 5- 2 Questions (9 Marks)

- 1) V.IMP- Information Security Sub Processes & its Risks and Controls,** Risks Associated with Banks (Operational) & CBS, **Types of Servers**, CBS Core Processes & Risk & Controls- CASA (6), Treasury (3), Mortgage Loan(10), PMLA Sections (Sec 12,63,70), Defn of Money Laundering, Methods of Money Transfer, Key Features of Banking
- 2) IMP-** Major Products of Banks, LC & Bank Guarantee, ECS Credit & Debit, Internal Controls in Banks, CBS Examples, UN Computer Crime Classification, Risks & IT Controls in Applications
- 3) Must See-** Internet Banking Process, CBS Core Processes- Credit Card (5-5-3), Short Term Facility (8,3a, b, c), Classification of credit facilities, Basel III, IT Controls in Banks, Terrorism Financing, Core Characteristics, Components, IT Risks, SPDI, Privacy Policy
- 4) Could Be There-** Key Aspects In-built in Architecture, Banking and NI Act, IT Risks relating to CBS, CBS implementation Steps, CBS- Key Modules, 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- Limitations of Strategic Management**, Role of Corporate Manager Case Study
- 2) **IMP- 3 Levels of Strategy/Strategic Management**, Strategy & Strategic Management Concepts
- 3) **Must See-** Strategic Management in Non- Profit Org (especially educational/ Charitable), Concept of - Business Policy/ Management, Strategy is no substitute of sound management
- 4) **Could Be There-** Benefits of SM, Strategy is partly proactive and partly reactive, 2-Fold Objectives of Strategic Management, Functions of CEO

Chap 2 - 5 Marks/10 Marks

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

Chap 3 - 5 Marks

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

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Chap 4 - 5 Marks

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

Chap 5 - 5 Marks

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

Chap 6 - 5 / 10 Marks

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

Chap 7 - 5/10 Marks

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

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Chap 8 - 5 Marks

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

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