GOVT. POST GRADUATE NEHRU COLLEGE JHAJJAR

LESSON PLAN 2024-25

NAME: DEEPAK **CLASS: M.Com.(1st sem)**

SUBJECT: Stock Market Operations

MONTHS	TOPICS
AUGUST	An overview of Indian Securities Market, Meaning, Functions, Intermediaries, Role of Primary Market – Methods of floatation of capital – Problems of New Issues Market – IPO's Investor protection in primary market – Recent trends in primary market – SEBI measures for primary market. Meaning, Nature, Functions of Secondary Market – Organisation and Regulatory framework for stock exchanges in India – Defects in working of Indian stock exchanges – SEBI measures for secondary market – Overview of major stock exchanges in India.
SEPTEMBER	Listing of Securities: Meaning – Merits and Demerits – Listing requirements, procedure, fee – Listing of rights issue, bonus issue, further issue – Listing conditions of BSE and NSE – Delisting. Indian Stock Exchanges: BSE – Different trading systems – Share groups on BSE - BOLT System – Different types of settlements - Pay-in and Pay-out – Bad Delivery – Short delivery – Auction – NSE – Market segments – NEAT system options – Market types, Order types and books – De-mat settlement – Physical settlement – Institutional segment – Funds settlement – Valuation debit – Valuation price – Bad and short delivery – Auction
OCTOBER	Foreign Stock Exchanges: NYSE –Trading rooms – Players on NYSE trading floor – Role of specialist – Trading technology and procedure. Meaning – Structure – Advantages – NASDAQ – NASD organization – Functions – NASD rules – Trading firms on NASDAQ – Market makers – ECN's – Order entry firms – Order execution on NASDAQ – OTCEI – Need –Features – Participants – Listing procedure – Trading and settlement – Market making – Factors inhibiting growth of OTCEI**.**
NOVEMBER	Risk management system in BSE & NSE – Margins – Exposure limits – Surveillance system in BSE & NSE – Circuit breakers. Meaning, Purpose, and Consideration in developing index – Methods (Weighted Aggregate Value method, Weighted Average of Price Relatives method, Free-Float method) – Stock market indices in India – BSE Sensex - Scrip selection criteria – Construction – Other BSE indices (briefly) – NSE indices – S & P CNX Nifty – Scrip selection criteria – Construction – Stock market indices in foreign countries .

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GOVT. POST GRADUATE NEHRU COLLEGE JHAJJAR

LESSON PLAN 2024-25

NAME: DEEPAK   **CLASS: M.Com.(1ˢᵗ sem)**

SUBJECT: **Business Analytics**

MONTHS	TOPICS
AUGUST	Business analytics: introduction, types of analytics, characteristics of analytics, business analytics, business intelligence; business analytics process and its relationship with decision making process; Advantage of business analytics: informed decisions, developing distinct capability, creating competitive advantage, key attributes of analytical competitors.
SEPTEMBER	Analytical methods and models: Descriptive analytics-overview of its tools and techniques, role in business analytics process and its importance in business decision making; Predictive analytics-nature and type of modelling, basics of data mining and machine learning environment, role in business analytics process and its importance in strategic decision making; Prescriptive analytics: basics of its tools and modelling, role in business analytics process.
OCTOBER	Business analytics in action: applicability and importance of business analytics in different areas financial analytics, human resource analytics, marketing analytics, health care analytics, supply chain analytics, sport analytics and analytics for Government and non-profit organization.
NOVEMBER	Developing analytics: statistician, data scientist and data engineer and their key features, skills required for analytics, big data and its analyst, important analytics software, major companies providing analytical solutions, job opportunities in business analytics.

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LESSON PLAN 2024-25

NAME: DEEPAK   **CLASS: M.Com.(3rd sem)**

SUBJECT: **Portfolio Management**

MONTHS	TOPICS
JULY-AUGUST	Portfolio Management- Meaning, need, process, benefits. Passive Management, Active Management. Approaches in Portfolio Construction, determination of objectives, Selection of portfolio, Diversification meaning, need and benefits. Portfolio return, portfolio variance, portfolio risk, correlation coefficient. Markowitz Model, efficient frontier, optimum portfolio, leverage portfolio, risk-free assets in Portfolio, efficient frontier with borrowing and lending. Capital allocation line, capital market line.
SEPTEMBER	Sharpe Index Model: Assumptions and criticism. Corner Portfolio, Sharpe's Optimal portfolio, CAPM Theory, Security Market Line, Capital Market Line, Evaluation of securities through CAPM. Application of CAPM in Security Market. Arbitrage Pricing Theory, Distinction between CAPM and APT.
OCTOBER	Portfolio Evaluation Models, Sharpe's Performance Index, Treynor's Performance Index, Sharpe Ratio, Jensen's Performance index, M2 and T2 performance model. Style Analysis
NOVEMBER	Portfolio Revision- Need for portfolio revision, portfolio revision techniques. Formula Plans- Constant rupee and constant ratio strategy, rupee cost averaging, variable ratio strategy, cost of portfolio revision, interational portfolio investment.

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