(Please write your Exam Roll No.) Exam Roll No. 02114788822

# END TERM EXAMINATION

**SIXTH SEMESTER [BCOM(HONS)] MAY-JUNE-2025**

| | |
|---|---|
| *Paper Code: BCOM304* | *Subject: Financial Technology* |
| *Time: 3 Hours* | *Maximum Marks:75* |

***Note: Attempt all questions. All questions carry equal marks.***

1 Q1 Attempt **any Five** of the following questions: (5x5=25)

a) Various hash functions and its role in FinTech
b) Cryptocurrencies – Ethereum and Bitcoin
c) KYC to KYD in FinTech
d) Digital transaction and role of digital identity
e) Crowd funding and its role in FinTech
f) P2P and Marketplace Lending
g) Differential privacy and its role in FinTech
h) Smart Regulation

Q2 Explain the FinTech evolution eras with suitable examples of each? Also, highlight the cause of rapid evolution in recent times? (12.5)

**OR**

1 Q3 Discuss the FinTech topology and its components or prospectives with suitable examples of each? (12.5)

2 Q4 "The blockchain technology is revolutionized the digital transaction" Justify it with suitable examples from FinTech domain? (12.5)

**OR**

Q5 Discuss the concept of crypto currencies and its legal and regulatory implications in FinTech with suitable examples? (12.5)

Q6 Discuss the FinTech Innovation and new challenges of AI in the area of Governances, regulations and fraud detections with examples? (12.5)

**OR**

5 Q7 Discuss the role of AI and other emerging technologies in FinTech with suitable examples? Also, highlight the new challenges due to evolving AI? (12.5)

Q8 Discuss the need of regulations in FinTech companies, highlighting the role of technologies with suitable examples? (12.5)

**OR**

4 Q9 Discuss the RegTech Ecosystem and its components with examples? Also, highlight its requirement in the startups? (12.5)

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# END TERM EXAMINATION

**SIXTH SEMESTER [B.COM] JUNE 2025**

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|---|---|
| **Paper Code: BCOM-308** | ***Subject: New Venture Financing*** |
| **Time: 3 Hours** | **Maximum Marks: 75** |

***Note: Attempt all questions as directed. Internal choice is indicated.***

Q1 Attempt **Any Five** of the following questions: **(5x5=25)**

a) What are the key differences between venture capital and private equity?

b) What are the common mistakes in preparing business plans? How can these be avoided?

c) Explain the concept of bootstrapping in startup finance. Discuss its advantages and challenges for founders.

d) What are the different exit strategies available to venture capitalists?

e) What is the role of the Khadi and Village Industries Commission (KVIC) in promoting rural entrepreneurship?

Q2 Explain the purpose of financial projections in a business plan. What makes financial forecasts credible from an investor's standpoint? **(12.5)**

**OR**

Q3 What are the key steps involved in writing a comprehensive and compelling business plan? How should it differ for internal use versus VC pitching? **(12.5)**

Q4 What is the role of business incubators in supporting early-stage ventures? How do they differ from accelerators and co-working spaces? **(12.5)**

**OR**

Q5 What role do merchant bankers play in the IPO process? Discuss their responsibilities in valuation, underwriting, compliance, and investor outreach. **(12.5)**

Q6 What are the legal and regulatory frameworks governing venture capital funding in India? Explain SEBI regulations and relevant company law provisions related to it. **(12.5)**

**OR**

Q7 Describe the seed stage of venture funding. What types of investors typically fund this stage? What are the risks associated with it? **(12.5)**

Q8 Explain the role of institutional support in promoting entrepreneurship in India. How do such institutions bridge gaps in finance, training, and infrastructure? **(12.5)**

**OR**

Q9 Explain the objectives and operational framework of the Start-up India initiative. What are its major achievements and limitations? **(12.5)**

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# END TERM EXAMINATION

SIXTH SEMESTER [BCOM(HONS)] MAY-JUNE-2025

**Paper Code: BCOM-306** **Subject: Introduction to derivatives**

**Time: 3 Hours** **Maximum Marks:75**

**Note: Attempt any five questions in all including Q.No1 which is compulsory.**

Q1. Write short note on **any five** (5x5=25)

a) FX Swaps
b) Protective puts
c) Marking to market
d) Box-spread
e) Weather derivatives
f) Insurance derivatives

Q2. Explain the different types of financial derivatives. What are the uses and importance of derivatives? Discuss the current tends and future position of derivative market in India. (12.5)

Q3. "Options are the safest instruments for investors for investment purpose" Critically examine the statement. What are the possible positions that can be taken in an option contract in different situations? (12.5)

Q4. Distinguish between forward and future. Also explain the future trading mechanism and how its position can be closed. (12.5)

Q5. Explain the concept of OTC Swap markets. Further explain how floating rate loan is converted into fixed rate loan. (12.5)

Q6. Describe option contract and types of financial options. Further explain its three strategies. What do you understand by Exotic option. (12.5)

Q7. Explain forward contract its concept & characteristics and critically examine equity forward and currency forward (12.5)

Q8. Write short note on **any three** (12.5)

a. cost of carry model
b. hedging strategies
c. Options on futures
d. Currency options

Q9. Explain the difference between (12.5)

a. Long forward position and a short forward position
b. Hedging, speculation, and arbitrage
c. Selling a call option and buying a put option.

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# END TERM EXAMINATION

SIXTH SEMESTER [B.COM] JUNE 2025

Paper Code: BCOM-310 Subject: Equity Research and Analysis

Time: 3 Hours Maximum Marks: 75

**Note: Attempt any five questions in all including Q. No. 1 which is compulsory. Internal Choice is indicated.**

Q1 Attempt **any five** of the followings: (5x5=25)

(a) Key aspects of evaluation of business model

(b) Major strategies of industry analysis

(c) Various types of biases in behavioral finance

(d) Standalone Vs. Consolidated statements

(e) Relative valuation model

(f) Explain Capex modeling and its components

(g) Risk-return trade off

(h) Importance of free cash flows for valuation

Q2 Define rational investing. Also explain the components of rational investing. (12.5)

OR

Q3 Explain Porter's five forces model.How this model is helpful in equity research? (12.5)

Q4 What is financial statement analysis? Briefly explain the various techniques of financial statement analysis. (12.5)

OR

Q5 (a) Usage of Profitability ratios in equity research. (7.5)

(b) Implication of depreciation for financial statements. (5)

Q6 Explain building projection and its salient features. Also explain the widely used approaches of building projection. (12.5)

OR

Q7 Explain the meaning and need of working capital. What are the various techniques of estimating working capital need of a business? (12.5)

Q8 Define valuation and various models of valuation. Also explain factors affecting valuation. (12.5)

OR

Q9 What is enterprise value? What are the components of enterprise value? Also explain EV/EBITDA multiple. (12.5)

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BCOM-310

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# END TERM EXAMINATION

SIXTH SEMESTER [B.COM(H)] JUNE-2024

| | |
|---|---|
| Paper Code: B.Com-308 | Subject: New Venture Financing |

Time: 3 Hours Maximum Marks: 75

**Note: Attempt all questions as directed. Internal Choice is indicated.**

Q1 Attempt **any Five** of the following questions: (5x5=25)

(a) Project Life Cycle
(b) Mezzanine Financing
(c) TREAD
(d) Boot Strapping
(e) Due Diligence
(f) Seed capital

Q2 Briefly explain the features of a good business plan.

OR

Q3 State the salient features of Start-up initiative launched in 2016. (12.5)

Q4 Explain the rules and regulations framed by SEBI in the field of venture capital financing.

OR

Q5 State the various methods of exits from venture investment. (12.5)

Q6 Trace the development of PE markets on global basis and its importance to emerging markets.

OR

Q7 Explain the different stages of VCF process. (12.5)

Q8 State the role of NSIC in promoting new ventures in India.

OR

Q9 State the philosophy of Atal Innovation Mission. Do you think that it has been able to achieve its objectives? (12.5)

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**Exam Roll No.** 004611888821

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# END TERM EXAMINATION

**SIXTH SEMESTER [BCOM(HONS)] JUNE 2024**

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|---|---|
| **PAPER CODE: BCOM-304** | **SUBJECT:** ***Financial Technology*** |
| **Time: 3 Hours** | **Maximum Marks:** 75 |

***Note: Attempt all questions as directed. Internal choice is indicated.***

Q1 Attempt **any five** of the following questions: **(5x5=25)**

(a) KYC
(b) RTGS
(c) Payment Aggregator
(d) Altcoin
(e) UPI
(f) CIBIL Score

Q2 State any five regulations relating to digital payments in India. **(12.5)**

**OR**

Q3 What is block chain technology? What is its use in dissemination of financial information to open world? **(12.5)**

Q4 Explain the role of AI in fraud detection and data privacy. **(12.5)**

**OR**

Q5 State the advantages and disadvantages of cryptocurrency as an asset class. **(12.5)**

Q6 Briefly state the role of regulatory bodies in fintech regulation in India. **(12.5)**

**OR**

Q7 What are digital signatures? What is the role of CCA in this regard? **(12.5)**

Q8 State the role of RBI regulatory sandbox in context of fintechs. **(12.5)**

**OR**

Q9 What is crowd funding? What are the regulation relating to crowd funding in India. **(12.5)**

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# END TERM EXAMINATION

SIXTH SEMESTER [B.COM(H)] JUNE 2024

**Paper Code: B.COM-306** **Subject: Introduction to Derivatives**

**Time: 3 Hours** **Maximum Marks: 75**

**Note: Attempt all questions as directed. Internal choice is indicated.**

Q1 Attempt **any Five** of the following questions: **(5x5=25)**
- (a) Taxation of derivative transactions
- (b) Cost of carry model
- (c) Clearing Entities
- (d) Put Call parity
- (e) Floating rate agreements
- (f) Eurodollar futures

Q2 *Swaps are also called as a series of forward rate agreements.* Explain with examples.

**OR**

Q3 Explain the economic significance of derivatives. Do you think that derivatives help in managing risk exclusively? **(12.5)**

Q4 Briefly explain the trading and settlement mechanism for stock and index options traded on NSE.

**OR**

Q5 Explain the uses of Box Spread and Collars to market participants. **(12.5)**

Q6 State the theoretical models for pricing the futures contacts. Which of these are widely used? Also, indicate their assumptions behind these models.

**OR**

Q7 Distinguish between forward and future contracts. How they are used in respective situations? **(12.5)**

Q8 What is MTM settlement? What is its use? Explain with examples. **(12.5)**

**OR**

Q9 Following are the rate of borrowing of companies A and B: **(12.5)**

| Currency | A | B |
|---|---|---|
| $ | LIBOR+0.5% | LIBOR+0.75% |
| Euro | 5.25% | 6.75% |

The company B wants to borrow dollars at a floating rate of interest and the company A wants to borrow Euro at a fixed rate of interest. A financial institution is planning to arrange a swap deal between the two companies and requires a minimum of 50 basis points spread. If the swap is to appear equally attractive to A and B, what rate of interest will A and B end up paying? Ignore exchange risk. **(12.5)**

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# END TERM EXAMINATION

FIFTH SEMESTER [BBA] NOVEMBER-DECEMBER 2019

| Paper Code: BBA-309 | Subject: Goods and Service Tax |
| --- | --- |
| [BATCH 2017 ONWARDS] | |

*Time: 3 Hours* *Maximum Marks: 75*

*Note: Attempt any five questions. All questions carry equal marks.*

Q.1 What is the meaning of Goods & Service Tax? How is it different from erstwhile sales tax? State its salient features, point of incidence and limitations as well.

Q.2 (a) What is the meaning of supply as per Goods and Service tax? What are its different forms?

(b) What are the different categories of goods and services as per goods and service tax act? Explain the rates of tax associated with them.

Q.3 Explain the procedure of tax assessment as per GST Act. What are the different records which are mandatorily required to be kept in it? Is record keeping too complex in GST Act? Give justifications.

Q.4 What are debit and credit notes in GST? Why are these prepared? How input tax credit is granted to a merchant under GST?

Q.5 Explain the rules pertaining to tax deduction at source in GST. What are the due dates for depositing it? Which penalties can be levied if there is any default in making the timely payment of TDS as per GST Act?

Q.6 Discuss the conditions in GST under which inspections, search & seizure can be initiated by the tax assessment officer. In which situation even arrest orders of the defaulter can be issued.

Q.7 Explain the following:- (a) Tax Audit (b) Appeals and revisions under GST (c) Cascading effect of GST (d) Job work (e) Registration condition under GST

Q.8 GST is relatively new in India and there are doubts and apprehensions in the minds of small traders. As a tax consultant how shall you alleviate concerns of these small traders? What are the myths associated with GST? How can these be removed? Suggest.

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# END TERM EXAMINATION

**SIXTH SEMESTER [BBA] MAY-JUNE 2015**

**Paper Code: [BBA/TTM/B&I/MOM]-304** **Subject: Project Planning & Evaluation**

**Time: 3 Hours** **Maximum Marks: 75**

**Note: Attempt any five questions. All questions carry equal marks.**

Q1 Attempt **any five** questions from the following: **(5x5=25)**

(a) While capital investment decisions are extremely important they are very difficult. Elucidate.

(b) Briefly explain different methods of demand forecasting.

(c) What do you understand by informational asymmetry? How does it affect capital budgeting.

(d) Explain different sources of risk and various perspectives on risk.

(e) Discuss the rationale and limitations of Net Present Value (NPV) Rule.

(f) Briefly explain three different ways of raising finances in the primary market.

(g) Explain pros and cons of using CAPM approach to calculate cost of equity.

Q2 "Project planning is an essential part of project management". Comment. Also, explain the essential elements/steps involved in the project planning. **(12.5)**

Q3 The activities, duration and direct activity costs are given below. The indirect cost is Rs. 3000 per week. Starting from the normal duration obtain the crash cost and duration of the project. **(12.5)**

| Activity | Time in Weeks | | Cost | | Cost to Expedite per week (Cost slope) |
|---|---|---|---|---|---|
| | Normal | Crash | Normal | Crash | |
| 1-2 | 2 | 2 | 3000 | 3000 | --- |
| 2-3 | 4 | 3 | 4000 | 5000 | 1000 |
| 2-6 | 8 | 8 | 6000 | 6000 | --- |
| 3-4 | 3 | 2 | 2000 | 3500 | 1500 |
| 3-5 | 2 | 2 | 2000 | 2000 | --- |
| 4-6 | 4 | 3 | 4000 | 5000 | 1000 |
| 5-6 | 3 | 3 | 4000 | 4000 | --- |
| 6-7 | 8 | 5 | 8000 | 12000 | 1333 |

Q4 Why do we undertake Market analysis. How do uncertainties in Demand Forecasting impacts Market Planning. **(12.5)**

Q5 What are the factors which are taken into consideration while finalizing the plant capacity and plant location? **(12.5)**

Q6 (a) Why does management of human resource a very important aspect of project management. Strengthen your answer with suitable examples. **(7.5)**

(b) What are the different forms of Project Organization. **(5)**

Q7 Explain any two risk analysis techniques and common strategies of risk reduction. **(12.5)**

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# END TERM EXAMINATION

SIXTH SEMESTER [BBA)] MAY- JUNE 2016

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|---|---|
| *Paper Code: BBA-304*<br>*BBA (B&I)-304*<br>*BBA (MOM)-304*<br>*BBA (TTM)-304* | *Subject: Project Planning and Evaluation* |

*Time: 3 Hours* *Maximum Marks: 75*

***Note: Attempt any five questions. All questions carry equal marks.***

Q1 (a) What are Capital Investments?
(b) Discus different types of Capital Investments.

Q2 (a) Differentiate between NPV and IRR methods of capital budgeting with the help of an example.
(b) What are the sources of funds for an overseas project which are available for a firm?

Q3 How do we calculate the working Capital requirements of a project? How these requirements can be financed? Discuss.

Q4 Write notes on:-
(a) Projected Balance Sheet
(b) Different phases of Capital Budgeting
(c) Projected Cash Flow Statement

Q5 What is demand forecasting? Discuss various techniques of estimating the demand. How is it different from market feasibility studies? Give examples.

Q6 (a) What are the various forms of project organizations? Give advantages and limitations of them.
(b) Float of an activity
(c) Crashing of activities.

Q7 Write short notes on:-
(a) Factors that affect plant location decisions
(b) Preparing cost sheet of project

Q8 What are the prominent networking techniques? Make a distinction between them and also state the importance of networking in a project.

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# END TERM EXAMINATION

SIXTH SEMESTER [B.COM] MAY–JUNE 2026

Paper Code: BCOM-308

Subject: New Venture Financing

Time: 3 Hours

Maximum Marks: 60

Note: Attempt all questions as directed. Internal choice is indicated.

Q1 Attempt **Any Five** of the following questions: (5x4=20)

a) SIDBI

b) Due Diligence

c) Exit strategies

d) Seed Capital

e) Boot Strapping

f) Role of Khadi and Village Commission

g) Angel Investor

h) Mezzanine financing

Q2 Explain the purpose of financial projection in business plan. Explain Cash flow and income statement analysis. (10)

OR

Q3 Explain the features of good business plan. (10)

Q4 What are the legal framework and exit routes for Venture capitalist. (10)

OR

Q5 Role of Merchant Banker in IPO process. (10)

Q6 Difference between Private equity and Hedge funds. (10)

OR

Q7 What are the different stage of financing in Venture Capital? (10)

Q8 Role of NABARD in rural credit. (10)

OR

Q9 Explain in detail Atal Innovation Mission in detail. (10)

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# END TERM EXAMINATION

SIXTH SEMESTER [B.COM(HONS)] MAY-JUNE-2026

| Paper Code: BCOM-304 | Subject: Financial Technology |
|---|---|
| Time: 3 Hours | Maximum Marks: 60 |

**Note: Attempt all questions as directed. Internal choice is indicated.**

Q1 Attempt **any Five** of the following questions. **(5x4=20)**

a) What is the importance of digital signatures in ensuring the authenticity of electronic documents?

b) Discuss the challenges in adapting fintech innovations by financial institutions.

c) Explain the concept of the RTGS system.

d) What are the potential risks of investing in cryptocurrencies?

e) What is the importance of metadata in Fintech?

f) What is P2P lending?

Q2 Evaluate the role of major historical milestones in the development of fintech. How did events like the introduction of online banking and mobile payments contribute to the current state of fintech? **(10)**

**OR**

Q3 Explain the function of cryptographic hash functions in the context of fintech. How do these functions ensure data integrity and security in financial transactions? **(10)**

Q4 Discuss the fundamental principles behind crypto currencies and blockchain technology. How do these technologies ensure the security, transparency, and decentralization of digital transactions? **(10)**

**OR**

Q5 What are the applications of blockchain technology in banking, insurance, and portfolio management? How can blockchain transform these areas? Also, highlight the major challenges that must be addressed for its successful implementation. **(10)**

Q6 Discuss the technological advancements driving the growth of e-commerce. How have innovations such as augmented reality, personalized recommendations, and advanced payment systems influenced online retail? **(10)**

**OR**

Q7 Explore the emerging challenges associated with the widespread adoption of AI technologies. What are the key issues related to data privacy, security, and ethical use of AI, and how can they be addressed? **(10)**

Q8 Explore the ecosystem of RegTech, including its key components and stakeholders. How do RegTech firms, financial institutions, regulators, and technology providers interact within this ecosystem? **(10)**

**OR**

Q9 What is smart regulation? State its objectives in the context of fintech. What tools and technologies are used to facilitate dynamic regulation? **(10)**

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BCOM-304

# END TERM EXAMINATION

SIXTH SEMESTER [B.COM] MAY–JUNE 2026

| | |
|---|---|
| *Paper Code: BCOM-306* | *Subject: Introduction to Derivatives* |
| *Time: 3 Hours* | *Maximum Marks: 60* |

***Note: Attempt all questions in all the including Q.no.1 which is compulsory. Select one question from each unit.***

Q1 Attempt **any four** of the following. **(5x4=20)**

(a) A portfolio manager holds a diversified equity portfolio worth ₹10 crore with a beta of 1.2. Explain how index futures can be used to hedge market risk. Calculate the number of futures contracts required if the index futures value is ₹20 lakh.

(b) Explain the Put-Call Parity theorem and evaluate its significance in options pricing.

(c) What are the different types of risks associated with swap contracts?

(d) What the implications of speculative derivative trading for market stability and investor confidence?

(e) How do swaps contribute toward market efficiency?

**UNIT-I**

Q2 Explain the economic significance of derivative markets in modern financial systems. Discuss how forwards and futures contribute to price discovery, liquidity enhancement, and risk management in global capital markets. **(10)**

Q3 Analyse the growth and development of derivative markets in India. Evaluate the role of SEBI, NSE, and BSE in promoting transparency, investor protection, and financial innovation. **(10)**

**UNIT-II**

Q4 What is the role of Forward Rate Agreements and Eurodollar futures in international money markets and banking risk management.Explain with the help of examples. **(10)**

Q5 What are the implications of exchange rate volatility for international trade and foreign direct investment? Explain the role of derivatives during periods of global financial instability and monetary tightening. How do derivative markets reduce the related risk? **(10)**

**UNIT-III**

Q6 What are the implications of blockchain technology, smart contracts, artificial intelligence, and decentralized finance for the future evolution of global swap markets?Discuss. **(10)**

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Q7 Examine the role of currency swaps in reducing foreign exchange exposure for multinational corporations and evaluate their effectiveness in cross-border financing and international trade. **(10)**

**UNIT-IV**

Q8 Examine the significance of weather derivatives in managing climate-related risks. Discuss their applications in agriculture, tourism, and energy sectors. **(10)**

Q9 What are the legal challenges associated with cryptocurrency derivatives? Also discuss the implications of regulatory arbitrage, investor protection concerns, and cross-border digital asset transactions on global financial stability. **(10)**

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# END TERM EXAMINATION

**SIXTH SEMESTER [BCOM(HONS)] MAY-JUNE-2026**

**Paper Code: BCOM-310** *Subject: Equity Research and Analysis*

**Time: 3 Hours** *Maximum Marks: 60*

*Note: Attempt all questions as directed. Internal choice is indicated.*

Q1 Attempt **any Four of** the following questions: **(4x5=20)**

(a) Define rational investing. How does it differ from speculative investing?

(b) What are the key elements to consider when evaluating a business model?

(c) Identify two behavioral biases that can influence investment decisions and give examples

(d) What is depreciation? Briefly explain any two methods of calculating it.

(e) Define profitability ratios and give examples of any two.

(f) Write short notes on Debt-Equity ratio and Price-to-Earning(P/E) Ratio

(g) Define forecasting. List any three quantitative forecasting methods.

(h) Define working capital and explain its importance in projections.

Q2 Explain how to evaluate a company's business model using both qualitative and quantitative factors. **(10)**

**OR**

Q3 Describe Porter's Five Forces Model in detail. Apply it to analyze the competitive position of any industry of your choices. **(10)**

Q4 Explain the different techniques of financial statement analysis with examples **(10)**

**OR**

Q5 Explain the concept of relative valuation model and compare it with intrinsic valuation method **(10)**

Q6 Explain the steps involved in Building financial projections for a new business venture. **(10)**

**OR**

Q7 Discuss qualitative vs. quantitative forecasting methods with examples. **(10)**

Q8 Explain the steps involved in conducting a DCF valuation with example. **(10)**

OR

Q9 Describe the advantages and limitations of using P/E multiple for company valuation. **(10)**

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