

(Please write your Exam Roll No.)

Exam Roll No. ....

## END TERM EXAMINATION

FIFTH SEMESTER [B.COM] DECEMBER 2015

Paper Code: B.COM303

Subject: Income Tax Law and Practice

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

- Q1 . Briefly explain the following:- (3x5=15)  
✓ (a) Assessment Year  
(b) Total Income  
(c) Agricultural Income
- ✓ Q2 . "Tax liability depends upon the residential status of an assessee."  
Explain (15)
- ✓ Q3 . What is meant by annual value of a house property? What deductions  
are allowed from annual value in computing taxable income from house  
property? (15)
- ✓ Q4 . Explain the provisions regarding set-off and carry-forward of losses while  
computing the total income. (15)
- Q5 . Describe the procedure for obtaining refund of tax already paid. What are  
the circumstances and limitations under which such a claim is allowed? (15)
- Q6 . Write short notes on the following:- (3x5=15)  
(a) Compulsory online filing of returns  
(b) TDS  
(c) Recovery of Tax
- ✓ Q7 . Explain the deduction in respect of expenses incurred on maintenance  
and medical treatment of handicapped dependent under section 80DD. (15)
- Q8 . Mrs. Poonam is working as a manager in a cloth mill at Kanpur. Details  
of her income for the assessment year 2014-15 are as follow:  
Basic salary Rs. 10000 p.m., DA (under the terms of employment) Rs.  
5000 p.m., HRA Rs. 4000 p.m. She paid house rent Rs. 3000 p.m. up to  
31.12.2013 and from 1.1.14 house rent increased to Rs. 4000 p.m.  
Calculate taxable and tax free HRA. (15)

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## END TERM EXAMINATION

FIFTH SEMESTER [B.COM(HONS.)] NOVEMBER - DECEMBER 2017

Paper Code: B.COM-303

Subject: Income Tax Law and Practice

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

- Q1 (a) Write a note on determination of residential status of an individual. (10)  
(b) How would you find out the residential status of a foreign company operating in India? (5)
- Q2 Mr. Bhasker is employed in Swami Co. Ltd. Mumbai. His salary details for the financial year 2016-17 are given below: (15)  
(i) Basic salary Rs. 70,000 per month.  
(ii) Dearness allowance 50% of basic salary (Eligible for retirement benefits)  
(iii) House rent allowances Rs. 10,000 p.m. (Rent paid by employee Rs. 15,000 p.m.)  
(iv) Bonus Rs. 30,000 per annum  
(v) Both Mr. Bhaskar and his employer contribute Rs. 15,000 each per month towards pension scheme notified in section 80 CCD. Calculate the total income of Mr Bhaskar for the assessment year 2017-18. Determine the amount of contribution to the pension scheme eligible for deduction in the hands of employer.
- Q3 Give examples of income which are totally exempt from income-tax and an example of income which form part of total income but is exempt from income-tax at average rate. (15)
- Q4 Define 'perquisite'. How are the following perquisites valued? (15)  
(i) Use of movable assets  
(ii) Rent free accommodation  
(iii) Use of Motor Car
- Q5 Explain the term 'Capital gain' under the income-tax Act. Distinguish between 'short term' and 'long term' capital gains. What is the meaning of the term 'cost of acquisition' as used for computation of capital gains? (15)
- Q6 Mr Shyam earns the following incomes during the financial year 2016-17: (15)  
(a) Interest paid by Central govt. but received in London Rs. 40,000  
(b) Pension from former employer in India received in America Rs. 64,000  
(c) Profits earned from business in Paris which is controlled in India, half of the profits being received in India Rs. 1,60,000  
(d) Income from agriculture in Pakistan and brought to India Rs. 80,000  
(e) Income from property in U.K and received there Rs. 40,000

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# END TERM EXAMINATION

FIFTH SEMESTER [B.COM] NOVEMBER-DECEMBER 2018

Paper Code: B.COM-303

Subject: Income Tax Law and Practices

Time: 3 Hours

Maximum Marks: 75

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

- Q1 (a) Who is an assessee under the provisions of Income Tax Act, 1961?  
(b) Define the term income. Also distinguish between Gross Total Income and Total Income.  
(c) "Income Tax is charged on income of previous year." What are its exceptions?  
(d) Income Tax Act gives absolute exemption in respect of certain incomes. Discuss any three such incomes.  
(e) How will you determine the residential status of a HVF?

Q2 'A' earns the following income during the financial year 2017-18:

	Rs.
Interest paid by an Indian company received in London	2,00,000
Pension from former employer in India, received in USA	8,000
Profits earned from business in Paris which is controlled in India, half of the profits being received in India	40,000
Income from Agriculture in Bhutan and remitted to India	10,000
Income from property in England and received there	8,000
Paid foreign untaxed income brought to India	20,000

Determine the total income of 'A' for the assessment year 2018-19 if he is (i) resident and ordinarily resident, (ii) not ordinarily resident, (iii) Non-resident in India.

- Q3 (a) Define Perquisites. Illustrate with examples the method of valuation of rent free accommodation.  
(b) What are the provisions of Income Tax- Act regarding 'Gratuity'?
- Q4 What is capital gain? What are the kinds of capital gains and what is the procedure for computation of capital gains?
- Q5 X, who is an advocate in Indore, furnishes the following particulars for the year 2017-18:

Income from profession	2,32,000
Short term capital gains on sale of gold	18,000
Long term capital gains on sale of land	96,000
Interest on Govt. Securities	11,000
Payment of interest on loan taken from a bank for higher studies of his daughter	10,000
Rent paid for a house in Delhi	36,000
Deposit in PPF	60,000

Determine the total income of Mr. X for the assessment year 2018-19.

- Q6 Write short notes on the following:-  
(a) Carry forward of business losses  
(b) Carry forward of capital losses  
(c) Set off of gambling losses  
(d) Carry forward of loss of House Property  
(e) Set off of unabsorbed depreciation
- Q7 (a) Explain the provisions of deduction of tax at source on (i) rental income, (ii) Salary, (iii) Interest other than interest on securities.  
(b) Discuss the conditions under which refund of tax may be claimed. Who can claim it as per provisions of income tax Act?

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## END TERM EXAMINATION

FIFTH SEMESTER [B.COM.] NOVEMBER-DECEMBER 2018

Paper Code: B.COM-311

Subject: Investment Management

Time: 3 Hours

Maximum Marks: 75

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

- Q1 What are the negotiable and non-negotiable securities available to the investor in the Indian capital market? Explain.
- Q2 "Higher the return, higher will be the risk". In this context, discuss the various risks associated with investment planning.
- Q3 What is meant by stock exchange? What are the functions of stock exchange? How are they managed?
- Q4 Describe some of the major requirements for the listing of the securities on recognised stock exchange.
- Q5 Is the valuation of preference shares different from the valuation of bonds? Illustrate.
- Q6 The Board of management of Herbertson Tissues Ltd. will pay a dividend of per equity share after a year. Share is currently selling at Rs. 50 and it is estimated that after a year the price will be Rs. 53.  
(a) What is the present value of the Equity share, if the required rate of return is 10%?  
(b) Calculate the return on share, if it is bought and sold after a year.
- Q7 Critically evaluate the fundamental analysis.
- Q8 What is Efficient Market Hypothesis? What are its different forms and explain the techniques for testing the various form of Efficient Market Hypothesis.

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## END TERM EXAMINATION

FIFTH SEMESTER [B.COM (HONS.)] DECEMBER 2017

**Paper Code: BCOM-311**

**Subject: Investment Management**

**Time: 3 Hours**

**Maximum Marks: 75**

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

- Q1 (a) "An investor's motives to invest are inherently different from those of a speculator yet both are key to efficient functioning of the market." Explain.  
(b) Fixed Income Securities and Equities are two totally different classes of investment avenues. Discuss.
- Q2 "Risk is defined as the unexpected variability or volatility or returns on an investment." What are the main types of risks that you need to understand and manage as an investment adviser?
- Q3 What is a stock exchange? What are its functions? How securities are traded at the stock exchange? Explain.
- Q4 Discuss the measures taken by SEBI to regulate the operations at stock exchanges. Explain the guidelines of SEBI pertaining to listing of securities.
- Q5 Super Cement Industries has just paid a dividend for Rs. 4 per share. The dividend is expected to grow at a constant rate of 7% indefinitely. The beta of the stock is one. The risk free rate is 6 percent and market risk premium is 9 per cent. Calculate the intrinsic value of the stock. What will be the intrinsic value of the stock if its beta is 1.3, i.e. the stock is riskier.
- Q6 (a) What is yield to maturity? How is it computed? Illustrate with the help of an example.  
(b) How does interest rates affect yield to maturity? Show clearly with the help of an example.
- Q7 Fundamental and technical analysis are complementary approaches in taking trading positions or making investment decisions. Explain the statement with an example of how you will use the two to buy a script.
- Q8 What is efficient market hypothesis? What are its different forms? How do we measure the efficiency of markets?

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# END TERM EXAMINATION

FIFTH SEMESTER [B.COM(HONS.)] NOVEMBER-DECEMBER 2016

Paper Code: BCOM- 311

Subject: Investment Management

Time : 3 Hours

Maximum Marks :75

Note: Attempt any five questions including Q.No. 1 which is compulsory.

- Q1. Explain **any five** of the following: Your answer should not exceed 100 words each. (3x5=15)
- a) Money Market Instruments
  - b) Primary Equity Market
  - c) RISK
  - d) Fundamental Analysis
  - e) Capital Asset Pricing Model (CAPM)
  - f) Bond Indexing
  - g) Concept of Option
- Q2. What is meant by "Listing of Securities"? Explain the procedure for listing of shares by a company. (5+10=15)
- Q3. "Investment is well grounded and carefully planned speculation". In the light of the above statement, explain and differentiate between 'investment' and 'speculation'. How do they differ from 'gambling'? (15)
- Q4. a) What is meant by yield-to-maturity (YTM)? (5)  
b) Why is the valuation of equity different from that of debentures or preference shares, and what is the purpose of equity valuation? (10)
- Q5. State the meaning, rationale, procedure and limitations of the fundamental analysis. (15)
- Q6. "The concept of a random walk in stock prices is bizarre and implies totally irrational behavior by the investing public. Nothing could be farther from the truth than random walk. Prices are related to fundamental economic worth". Comment. (15)
- Q7. Write short notes on **any three** of the following: (5x3=15)
- a) Technical Analysis
  - b) Charting Techniques
  - c) Zero Coupon Bonds
  - d) Efficient Market Hypothesis
  - e) Trading System on a Stock Exchange.

# END TERM EXAMINATION

FIFTH SEMESTER [B.COM. (HONS.)] DECEMBER 2015 -JANUARY-2016

Paper Code: BCOM 311

Subject: Investment Management

Time: 3 Hours

Maximum Marks: 75

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

- Q1 ✓ Explain **any five** of the following:- (5x3=15)  
(a) Convertible Structures;  
(b) Dow Theory;  
(c) SEBI;  
(d) Risk;  
(e) Efficient Market Hypothesis  
(f) Return
- Q2 Distinguish between financial and economic meaning of investment. (15)
- Q3 ✓ What do you understand by Technical Analysis? Explain various mathematical techniques used in Technical Analysis. (15)
- Q4 ✓ Elaborate the Economy-Industry-Company framework as used in the Fundamental Analysis. (15)
- Q5 Explain Gordon's share valuation model with suitable illustration. What are the advantages of this model? (15)
- Q6 ✓ "Stock exchanges provide the linkage between the savings in the household sector and the investments in the corporate sector". Explain. (15)
- Q7 "The market price of bonds is conversely related to the market interest rates". Comment. (15)
- Q8 ✓ Discuss the risk-return trade-off with the help of examples. (15)

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## END TERM EXAMINATION

FIFTH SEMESTER [B.COM. (HONS.)] DECEMBER 2015-JANUARY-2016

Paper Code: BCOM 305

Subject: Entrepreneurship Development

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

- Q1 Define entrepreneurship. Discuss qualities of a successful entrepreneur. (15)
- Q2 Define creativity and innovation, distinguish between them and explain how these two help entrepreneur. (15)
- Q3 Describe various steps which are taken by an entrepreneur for starting new venture. (15)
- Q4 Explain different financial statements. How are they useful for the entrepreneur in business decisions? (15)
- Q5 Discuss the various problems faced by an entrepreneur in India. How these problems can be removed? (15)
- Q6 "Generation of business idea is equally important as to market it." Evaluate the statement. (15)
- Q7 Discuss the role and activities of any two institutions which help small business enterprises. (15)
- Q8 Write short notes on the following:- (3x5=15)
- (a) Importance of Business plan.
  - (b) Mistakes of entrepreneurship
  - (c) Industry Associations.

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# END TERM EXAMINATION

FIFTH SEMESTER [B.COM] NOVEMBER - DECEMBER 2017

Paper Code: B.COM-305

Subject: Entrepreneurship Development

Time: 3 Hours

Maximum Marks: 75

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

Q1 Define the concept of Entrepreneurship. What are the benefits of becoming an Entrepreneur? 12

Q2 (a) What do you mean by Small business?

(b) What role has small business played in Economic Growth of our Country? 10

Q3 How does Creativity and Innovation help in successfully launching Entrepreneurial Ventures? Give examples. 8

Q4 Where does an Entrepreneur get the Capital to fund his Venture? What are the challenge involved in it? 9

Q5 Write a Business Plan of your own. Hypothetically citing example. What are the legal challenges involved in this venture?

Q6 What is the role of Human Resource Management in New Business Venture? Can the role of HRM, be strategic in nature; so as to help in the growth of a venture?

Q7 How do industry associations support Small Business Enterprises? How is India building its Entrepreneurship supportive culture?

Q8 Write short notes on the following:-

(a) Startup Companies in IT in India

(b) Mistakes of Entrepreneurship and how to avoid them. 7

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## END TERM EXAMINATION

FIFTH SEMESTER [B.COM] NOVEMBER-DECEMBER 2018

Paper Code: B.COM-305

Subject: Entrepreneurship Development

Time: 3 Hours

Maximum Marks: 75

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

- Q1/ Differentiate between an entrepreneur, a manager, an intrapreneur, and a corporate entrepreneur with respect to their roles and responsibilities by giving examples in each case
- Q2/ 'Entrepreneurs realize that every event and each situation is a business opportunity'. Comment.
- Q3 Discuss the contribution of Schumpeter's Innovation Theory. How is this theory still relevant in today's business context? Explain with examples.
- Q4/ Discuss the various sources of venture capital for an entrepreneur. What are the various legal challenges faced by entrepreneurs while setting up new ventures?
- Q5/ You are about to start a new venture of readymade garments. Write a detailed business plan explaining each step in detail with a flow chart.
- Q6 A company is in business of electronic goods and is ready to introduce a new model of washing machine for higher income households. What strategies should be adopted for positioning the product in the minds of the consumer?
- Q7/ How important is the role of Government in promoting Entrepreneurship? Support your answer with example.
- Q8 Write short notes on:-  
(a) Marketing aspects of new venture.  
(b) Valuation challenge in Entrepreneurship  
(c) Cultural Diversity of Entrepreneurship.

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# END TERM EXAMINATION

Fifth Semester [B.Com (Hons.)] November-December 2019

Paper Code: BCOM 305

Subject: Information Systems Management

Time: 3 Hours

Maximum Marks: 75

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

1. (a) Describe the hardware and software requirements to build MIS? (7)  
(b) What are the important factors to be considered for successful implementation of MIS in the organizations? (8)
2. (a) 'For managers, information is more important than data.' Justify the statement with examples. (5)  
(b) Discuss the relationship between functional information systems and MIS. What is the output of MIS? (10)
3. (a) Draw and explain the architecture of DBMS. How does this architecture promote data independence? (7)  
(b) Draw the E-R model diagram for college management. Choose the relevant entities for the model. (8)
4. (a) Explain the syntax and use of DML commands with suitable examples. (8)  
(b) List the integrity constraints that can be used while creating a table. (7)
5. Differentiate between: (3x5=15)
  - (a) Primary key and Foreign key
  - (b) Open systems and Closed systems
  - (c) Structured decisions and Unstructured decisions
  - (d) Tacit knowledge and Explicit knowledge
  - (e) Transaction processing system and Decision support system
6. (a) Which are the methodologies for modeling and designing systems? (10)  
(b) What are the difficulties faced by the organizations in system implementation phase. (5)
7. (a) What are the characteristics of Centralized and Distributed processing? (5)  
(b) Discuss the components and characteristics of executive information system and expert system. (10)
8. Write note on **any three** the following: (5x3=15)
  - (a) Use of knowledge management systems
  - (b) Approaches to information processing
  - (c) Aggregate functions
  - (d) Impact of IT on organizations

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# END TERM EXAMINATION

FIFTH SEMESTER [B.COM(HONS.)] NOVEMBER-DECEMBER 2017

Paper Code: BCOM-307

Subject: Management Information Systems

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

- Q1 How are information systems transforming business and why are they so essential for running and managing a business today? (15)
- Q2 Write short notes on **any three** of the following:- (5x3=15)  
(a) Transaction Processing Systems  
(b) Decision Support Systems  
(c) Executive Information Systems  
(d) Expert Systems
- Q3 You are the CIO of your company. You have just made a presentation to your CEO, proposing that the company implement a data warehouse. The CEO responds, "We already have several databases don't we? Why do we need a data warehouse?" Prepare to justify your proposal. (15)
- Q4 Compare and contrast the following:- (5x3=15)  
(a) SDLC, Prototyping and Spiral approach  
(b) Data Warehousing and Data Mining  
(c) Centralized and Distributed Processing
- Q5 Write a note on Cost-Benefit Analysis including both the quantitative and qualitative aspects. (15)
- Q6 What are the recent developments in the field of Information Systems? Discuss the multi-media approach to information processing. (15)
- Q7 Write short notes on the following:- (5x3=15)  
(a) Open and closed systems  
(b) Deterministic systems  
(c) Probabilistic systems

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# END TERM EXAMINATION

FIFTH SEMESTER [B.COM(HONS.)] NOVEMBER-DECEMBER 2018

Paper Code: B.COM-307

Subject: Management Information Systems.

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

- Q1 (a) Discuss the importance of information quality for an organization. (7)  
(b) Explain how information management can give a competitive advantage to a firm? (8)
- Q2 (a) Explain the relationship between information management and information technology. (5)  
(b) Describe the phases of information system development life cycle. (10)
- Q3 Differentiate between: (3x5=15)  
(a) Strategic information and operational information  
(b) Structured decisions and unstructured decisions  
(c) Information and knowledge  
(d) Abstract system and physical system  
(e) Centralised and distributed processing
- Q4 (a) What is structured systems analysis? Discuss the tools used in structured analysis. (10)  
(b) Why has prototyping become a popular way to develop business applications? Explain. (5)
- Q5 (a) What are functional information systems? How are they related with each other? (7)  
(b) Describe the components and characteristics of decision support systems. (8)
- Q6 (a) What are the components and advantages of executive information system? (10)  
(b) Discuss the major areas where an expert system can be used in a business organisation. (5)
- Q7 (a) How is data warehouse beneficial for end users? Differentiate between data warehouse and database? (7)  
(b) How the data mining can be used in banking sector? (5)  
(c) What factors are critical in selection of Hardware and Software for appropriate MIS? (3)
- Q8 Write note on **any three** of the following: (5x3=15)  
(a) Transaction Processing Systems  
(b) Cloud computing  
(c) Integration of organization systems  
(d) Critical success factors of MIS implementation

# END TERM EXAMINATION

FIFTH SEMESTER [BCOM(HONS)] DECEMBER 2024

Paper Code: BCOM301

Subject: Corporate Taxation

Time: 03:00 Hours

Maximum Marks:75

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

- Q1 Attempt **any five** of the following questions: (5x5=25)
- Presumptive Basis of Taxation u/s 44AD
  - Deemed Profits
  - Expenditure on Scientific Research
  - Tax Deducted at Source (TDS) on Salary
  - Advance Payment of Tax
  - Self Assessment u/s 140A
  - Tax Evasion
  - Compulsory Maintenance of Books of Account u/s 44AA
- Q2 What do you mean by the term 'Transfer Pricing'? Explain the meaning of Associated Enterprises & International Transactions. Explain briefly different methods for computation of Arm Length Pricing. (12.5)
- OR**
- Q3 Sony Japan and Y Ltd., an Indian company are associated enterprises. Y Ltd. manufactures Mobile phones and sells them to Sony Japan and L.G. Korea. During the year Y Ltd. supplied 1,20,000 mobile phones to Sony Japan at a price of Rs. 2000 per unit and 20,000 units to L.G. Korea at a price of 3,200 per unit. The transactions of Y Ltd. with Sony and L.G. are comparable subject to the following differences:
- While sales to Sony is on FOB basis, sales to L.G. are CIF basis. The freight and insurance paid by Sony for each unit is Rs. 300.
  - The sales to L.G. are under a free warranty for 1 year whereas sales to Sony are without such warranty. The estimated cost of executing such warranty may be taken at Rs. 350.
  - Sony placed large orders and as such Y Ltd. offered a quantity discount of Rs. 50 per unit to Sony.
- Compute the arm's length price and the amount of increase in the total income of Y Ltd, if any, due to such arm's length price. (12.5)
- Q4 Explain the terms - Tax Planning, Tax Management and Tax Evasion. Differentiate between tax Planning and Tax Evasion. Specify with reason whether the following act to be considered as Tax Planning, Tax Management and Tax Evasion - XYZ Ltd. Issued a credit note for Rs. 80,000 as brokerage payable to Mr. Ram who is the son of the Managing Director of the company. The purpose is to increase the total income of Mr. Ram from Rs.4,00,000 to Rs.4,80,000 and reduce the income of RR Ltd. Correspondingly. (12.5)
- OR**
- Q5 What do you understand by the term 'Double Taxation Avoidance Agreement'. What are its benefits. What are the reliefs availed under DTAA. Explain both kinds of reliefs. (12.5)

Q6 ABC Ltd is a domestic Company having total turnover of Rs. 4,80,00,000 during the Previous Year 2023-24. Its taxable income as per the regular provisions of Income Tax is Rs.1,01,00,000 and book profits as per Section 115JB is Rs. 1,06,00,000. Compute the tax payable by applying MAT provisions. Explain in detail provisions related to MAT. (12.5)

**OR**

Q7 Explain the meaning of Assessment Procedure. Explain in detail different kinds of Assessments. What are the remedies available against the order of Assessing officer? (12.5)

Q8 X Ltd. is a manufacturing company. On April 1, 2023, it owns Plant A and Plant B (rate of depreciation 15 per cent) Depreciated value of the block on April 1, 2023 is Rs. 8,00,000. Plant B is transferred on October 15, 2023 for Rs. 26,00,000. Expenditure on transfer of Plant B is Rs. 24,000. Plant C is purchased on March 10, 2024 for Rs. 20,00,000. However, Plant C is put to use for the first time on September 2, 2024. Business income of X Ltd. before claiming any depreciation is Rs. 12,00,000.

On March 1, 2024, X Ltd. transfers 900 equity shares in A Ltd. (unlisted) for Rs. 23,50,000. X Ltd. does not own any residential house property. These shares were purchased on February 2, 2023 for Rs. 2,00,000. To avail of the benefit of exemption under different sections. it makes the following investments on May 1, 2024 -

1. A residential house property at Kolkata for the residence of general manager of X Ltd. : Rs. 21,15,000 (out of which stamp duty expenditure is Rs. 30,000).
2. NHAI bonds : Rs. 3,00,000.

Find out the net income of X Ltd. for the assessment year 2024-25. (12.5)

**OR**

Q9 Explain Make or Buy Decision in respect of Tax Planning. What are the factors to be considered which may affect this decision? Explain briefly the tax considerations while establishing a new unit. (12.5)

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## END TERM EXAMINATION

FIFTH SEMESTER [BCOM(HONS)] DECEMBER 2024

Paper Code: BCOM303

Subject: Investment Banking

(BATCH 2021-2023)

Time: 03:00 Hours

Maximum Marks: 75

Note: Attempt all questions as directed. Internal choice is indicated. Simple calculator and interest rate table is allowed.

- Q1 Answer any five from the following: (5×5=25)
- a) Difference between Private Equity funds and Hedge funds
  - b) Structure of PE firm
  - c) Pros and Cons of DCF method
  - d) Mezzanine debt
  - e) Revolving credit
  - f) Components of DCF
  - g) Motives for Merger
  - h) Synergy gain & Added value

- Q2 How has the investment banking evolved and changed in the last three decades? Discuss with suitable examples (12.5)

OR

- Q3 Discuss the structure and functions of Investment Bank? (12.5)

- Q4 Dassault Ltd has an EBIT(1-t) of Rs. 812.5 million and reinvestment amount is Rs. 285 million. Growth in the forecasted period in first year is 10%, then in second year 8% and third year is 6% and growth forecast for the terminal value is 4%. Find out the Value of the firm for the forecasted period of 3 years when additional information is also given. (12.5)

Particulars	Forecasted period	Steady state
Beta	1.07	1
Risk Free rate	5.50%	5.50%
Risk Premium	6.0%	6.0%
Debt ratio	10%	10%
Equity Ratio	90%	90%
Cost of Debt	5%	5%

OR

- Q5 A Sun Pharma Ltd has an EBIT(1-t) of Rs. 3675 million and reinvestment amount is Rs. 750 million. Growth in the forecasted period is 10% and growth forecast for the terminal value is 2%. Find out the Value of the firm for the forecasted period of 8 years when additional information is also given. (12.5)

Particulars	Forecasted period	Steady state
Beta	1.261	1
Risk Free rate	6.50%	6.50%
Risk Premium	8.50%	8.50%
Debt ratio	10%	10%
Equity Ratio	90%	90%
Cost of Debt	5%	5%

$$R_e = R_f + B(A_m - R_f)$$
$$= 5.50 + 1.07(6.0 - 5.50)$$
$$= 5.50 + 0.50$$
$$K_e = 6.0\%$$
$$K_d = 5.0\%$$

$$WACC = 0.86 \times 0.9 + 0.05 \times 0.1(2.00)$$
$$0.054 +$$
$$= 6.025\%$$

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- Q6 Explain with suitable examples the capital structure of LBO, particularly the debt structure. (12.5)

OR

- a) What is the criterion for selecting LBO candidate? (7.5)
- b) What are the exit strategies for LBO? (5)

- Q8 Discuss the various takeover defenses available for a given target firm. (12.5)

OR

- a) Accretion and Dilution Effects (7.5)
- b) Beta Ltd has the present value of Rs. 1,000 crores and Gamma Ltd has the present value of Rs. 600 crores. The present value of the cost saving expected from the merger is Rs. 150 crores. Beta Ltd pays Rs. 680 crores to acquire Gamma Ltd. The expenses incurred towards the merger are Rs. 20 crores. Compute the value of synergies. (5)

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700

750

P



# END TERM EXAMINATION

FIFTH SEMESTER [BCOM(HONS)] DECEMBER 2024

Paper Code: BCOM307

Subject: banking Operations

Time: 03:00 Hours

Maximum Marks:75

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

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

- a) Explain in brief the structure of Indian banking system
- b) What impact did the global financial crisis have on Indian banks?
- c) What are the different types of cheques?
- d) What are the main banking products and services offered by banks?
- e) What is UPI?
- f) What is home banking and Virtual banking?
- g) Explain the types of NPAs?
- h) What is securitization of assets?

Q2 What are the main types of banks further discuss their major functions in the Indian banking sector? (12.5)

OR

Q3 What are the key merits and weaknesses of the Basel Accord, how these norms influence the regulatory framework for banks in India? (12.5)

Q4 Discuss the concept of endorsement, including the essentials of a valid endorsement and the various types of endorsements. (12.5)

OR

Q5 What are the different types of bank accounts available to customers, and what is the process for opening each type of account? (12.5)

Q6 Explain the following: (12.5)

- a) ECS
- b) NEFT
- c) RTGS
- d) IMPS

OR

Q7 Explain the benefits of internet banking. Also discuss the cyber security challenges for internet banking. (12.5)

Q8 Explain various types of credit? Also explain the principles of sound lending in Indian context. (12.5)

OR

Q9 What are NPAs? Explain the preventive and curative measures taken by Indian banking system to control the NPAs. (12.5)

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Please write your exam roll no.

Exam Roll No. 0214138322

# END TERM EXAMINATION

FIFTH SEMESTER [BCOM(HONS)] DECEMBER 2024

Paper Code: BCOM311

Subject: Basics of Actuarial Science

Time: 03:00 Hours

Maximum Marks:75

Note: Attempt all questions as directed. Internal choice is indicated. Log and Antilog Tables must be provided if the student asks for the calculations.

- Q1 Attempt any Five of the following questions: (5x5=25)
- (a) What do you mean by time value of money?
  - (b) What is equation of value?
  - (c) Explain expected present value.
  - (d) What do you mean by accumulated value of an annuity?
  - (e) Differentiate between compound interest and simple interest.
  - (f) Explain mortality rate.
  - (g) What are the meanings of these notations  ${}_m|nq_x$ ,  ${}_xq_0$ ,  ${}_nq_x$ ,  ${}_x^e$ ,  ${}_x^e$ .
  - (h) Distinguish between real interest and nominal interest rate.

- Q2 Suppose that the probability of death (within age x) of a person aged zero is given by

$$F_x(x) = 1 - \left(1 - \frac{x}{110}\right)^4 \text{ for } 0 \leq x \leq 110$$

Calculate the probability that

- (a) A newborn baby survives age 30.
  - (b) A life aged 30 dies before age 50.
  - (c) A life aged 40 survives beyond age 65.
  - (d) What is the limiting age? Why?
- (12.5)

OR

- Q3 What do you mean by two-state model? How can it be used to calculate various probabilities? (12.5)

- Q4 Fill all the entries if the interest rate is 5% p.a. (12.5)

Year	Premium received	Interest amount	Insurance claim	Actual reserves
0	12,25,540	?	?	?
1	?	?	35,690	?
2	?	?	75,000	?
3	?	?	60,000	?
4	?	?	89,880	?
5	?	?	104,525	?

OR

- Q5 Ms. Anushka takes loan of ₹ 50,000 for purchasing a television set. The loan is to be repaid in 5 annual instalments where interest rate is 1 per cent per month. You are required to calculate the instalment amount and prepare loan amortization table. (12.5)

13670.71

69354.55

(12.5)

- Q6 Explain the present value of an ordinary annuity? (12.5)

OR

- Q7 What is a life-table? Explain its components. (12.5)

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- Q8 How will you perform the single projection of deaths, insurance claims and actual reserves? (12.5)

OR

- Q9 A person deposits ₹ 30 in a bank account on the last day of each month. The annual interest rate is 9% compounded monthly, and the interest is paid into the account on the last day of each month. Find the account balance after the 140th deposit. (12.5)

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