



**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
& MANAGEMENT STUDIES, BHUBANESWAR**

Semester : 3rd Sem. MBA

Batch : 2024-26

Subject : Indian Financial System and Services

Subject Code : MBPC3007

Date : 07.11.2025

Class Test : II

Duration : 1 Hr.

Full Marks : 30

Section- A

- 1. Answer any four out of following questions. [4 x 2 = 8]**
- a) Define a stock broker and explain his role in the stock market. [CO3]
 - b) Distinguish between money market and capital market. [CO3]
 - c) What are the functions of the primary market? [CO3]
Distinguish between a Full-Service Broker and a Discount Broker. [CO3]
 - d) Define Net Asset Value (NAV) in a mutual fund context. [CO4]

Section-B

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) Explain the functions of the Stock Exchange and its importance to investors and the economy. [CO3]
 - b) Discuss the features and different types of leases with examples. [CO4]
 - c) Describe the different methods of issuing shares in the Primary Market. [CO3]

Section-C

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) Explain in detail the structure and types of Mutual Funds in India. Also discuss the benefits of investing in mutual funds. [CO4]
 - b) What is a Hire Purchase Agreement? Discuss its main features and distinguish it from Leasing. [CO4]

All the Best



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Semester : 3rd Sem. MBA

Batch : 2024-26

Subject : Security Analysis & Portfolio Management

Subject Code : MBPC3005

Date : 08.11.2025

Class Test : II

Duration : 1 Hr.

Full Marks : 30

Section- A

- 1. Answer any four out of following questions. [4 x 2 = 8]**
- a) What are sunrise industries? Describe one characteristic of theirs. [CO3]
 - b) Security X has a beta of 0.75. Calculate the expected return, if the risk free rate is 5 % and expected return from the market is 14 % [CO3]
 - c) What is Sharpe index model? [CO3]
 - d) Analyse Rewards to Variability and Reward to Volatility Ratios. [CO4]
 - e) Give four parameters to measure Economic analysis. [CO3]

Section-B

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) Information regarding two mutual funds and a market index is given below: Assume the risk-free return is 5%, calculate the Differential return for the two funds. [CO3]
- | Funds | Return% | Standard Deviation% | Beta |
|--------------|---------|---------------------|------|
| SBI | 7 | 15 | 0.72 |
| UTI | 16 | 35 | 1.33 |
| Market index | 10 | 24 | 1.0 |
- b) Differentiate between SML and CML [CO3]
 - c) Explain Random walk theory in details [CO4]

Section-C

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) The following data are available to you as portfolio manager. [CO4]
- | Security | Estimated Return(%) | Beta | Standard Deviation(%) |
|----------------|---------------------|------|-----------------------|
| 1 | 32 | 2.10 | 50 |
| 2 | 30 | 1.80 | 35 |
| 3 | 25 | 1.65 | 42 |
| 4 | 20 | 1.30 | 26 |
| Market Index | 16 | 1 | 25 |
| Govt. Security | 7.5 | 0 | 0 |
- In terms of security market line which of the securities listed above are undervalued.
- b) “Fundamental Analysis provides an analytical framework for rational investment decision making” Explain. [C04]

All the Best



**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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Semester : 3rd Sem. MBA
Batch : 2024-26
Subject : Project Appraisal and Financing
Subject Code : MBPC3008

Date : 06.11.2025
Class Test : II
Duration : 1 Hr.
Full Marks : 30

Section- A

- 1. Answer any four out of following questions. [4 x 2 = 8]**
- a) What is Numéraire? [CO3]
 - b) Write down benefits society get by establishment of a project? [CO3]
 - c) Define project financing? [CO4]
 - d) What is bridge loan? [CO4]
 - e) What is project evaluation ? [CO5]

Section-B

- 2. Answer any two questions out of following [2 x 6= 12]**
- a) Explain steps in Social Cost Benefit Analysis of a project? [CO3]
 - b) Discuss the covenants attached to lending ? [CO4]
 - c) Describe type's organization structure under project management with examples. [CO5]

Section-C

- 3. Answer any one out of following questions. [1 x 10= 10]**
- a) Discuss various sources of finance available for a project? [CO4]
 - b) Explain characteristics and challenges of infrastructure project. [CO5]

All the Best



**BIJU PATNAIK INSTITUTE OF INFORMATION TECHNOLOGY
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Semester : 3rd Sem. MBA

Batch : 2024-26

Subject : Derivatives and Risk Management

Subject Code : MBPC3006

Date : 06.11.2025

Class Test : II

Duration : 1 Hr.

Full Marks : 30

Section- A

1. Answer any four out of following questions.

[4 x 2 = 8]

- a) For a long call option with a strike price of Rs.100 and an option value of Rs.20, currently stock trading at Rs.110, determine the intrinsic value and time value of the option. [CO3]
- b) For a long call option with a strike price of Rs.200 and an option value of Rs.28, currently stock trading at Rs.190, determine the intrinsic value and time value of the option. [CO3]
- c) What do you mean by option holder or buyer? [CO3]
- d) What is intrinsic value of an option? [CO3]
- e) An in the money option is 1- An option with negative intrinsic value, OR 2- An option with positive intrinsic value, OR 3- An option with Zero Time value [CO3]
- f) "Price of an option expiring 03 months from today will be higher than the price of an option expiring after 02 months from today". Is this statement true? [CO3]

Section-B

2. Answer any two questions out of following

[2 x 6= 12]

- a) Explain "In the Money", "Out of the Money" and "At the Money" options. [CO3]
- b) Write a short note on Covered Call Strategy. [CO3]
- c) How volatility affects the option premium? [CO3]

Section-C

3. Answer any one out of following questions.

[1 x 10= 10]

- a) Explain different factors affecting the value of option premium. [CO3]
- b) Nifty Index is trading at 4450 on 06 th November 2025. Nifty 4500 Strike Price Call is trading at 122 and 4500 Put is trading at 85. Prepare a volatility strategy (LONG STRADDLE) by which a trader can earn unlimited profit with high upswing or high downswing of the index on expiry. Explain the above strategy with pay off profile. [CO3]