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Total Number of Pages : 02

MBA
18MBA301B

3rd Semester Regular / Back Examination: 2021-22
SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT
BRANCH(S): BA, FM, GM, HRM, IB, MBA, MBA (M & F), MM

Time : 3 Hour

Max Marks : 100

Q.Code : OF465

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right hand margin indicate marks.

- Q1** **Answer the following questions :** (2 x 10)
- a) Write different aspects of Investment?
 - b) Write the Primary objectives of Investment?
 - c) Define securities?
 - d) What is meant by warrants?
 - e) What is purchasing power risk?
 - f) Explain the commonly available money market securities?
 - g) Who is an insider?
 - h) Define Efficient Frontier?
 - i) Define Markowitz diversification?
 - j) What is meant by factor sensitivity?

Part-II

- Q2** **Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve)** (6 x 8)
- a) Why do Investors invest in gold and silver?
 - b) How do warrants differ from share certificates?
 - c) Distinguish between systematic and unsystematic risk?
 - d) Describe the features of various types of debentures?
 - e) What are the evidences in support of EMH?
 - f) Distinguish between CAPM And Arbitrage Pricing Theory?
 - g) Explain how EVA is derived?
 - h) Discuss about different trends given in DOW theory?
 - i) How leverage portfolio is constructed?
 - j) Explain Security Market Line?
 - k) Explain the Jensen index of Portfolio performance?
 - l) What are the advantages of professionally managed portfolio?

Part-III

- Q3** **Only Long Answer Type Questions (Answer Any Two out of Four)**
- What is Beta? How is it interpreted? Explain with examples. (16)

- Q4 What are the steps adopted to analyse the financial position of a company? (16)
- Q5 What do mean by portfolio revision? Discuss about different formula plans for implementing passive portfolio revision? (16)
- Q6 With the given details, evaluate the performances of the different funds using Sharpe, Treynor and Jensen performance evaluation techniques. (16)

Funds	Return	Standard Deviation	Beta
A	12	20	0.98
B	12	18	0.97
C	8	22	1.17
D	9	24	1.22

Risk free rate of return is 4 per cent. Market return is 10 %.

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MBA / MBAP
18MBA303B / 18PTMBA502B

3rd & 5th Semester Regular / Back Examination: 2021-22

ADVANCED MANAGEMENT ACCOUNTING

BRANCH(S): BA, FM, GM, HRM, IB, MBA, MBA (M & F), MM / MBA(PT)

Time : 3 Hour

Max Marks : 100

Q. Code : OF522

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Answer the following questions : (2 × 10)

- What do you mean by Cost Centre?
- State two advantages of Standard Costing.
- What is Break Even Point?
- Give examples of two industries where Process Costing is followed.
- Mention cost unit of Petrol and Wheat.
- Give two examples of Selling overhead.
- What is Master Budget?
- What is Margin of Safety?
- What is Uniform Costing?
- What is Zero Based Budgeting?

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) (6 × 8)

- How do you calculate Material Variances?
- Distinguish between Cost Reduction and Cost Control.
- What is Service Costing?
- What is inter process profit?
- What do you mean by Activity Based Costing?
- What is Apportionment of Overhead?
- Discuss Functional Budget.
- State the different methods of costing.
- What is Joint Product?
- What is Variable Costing?
- How do you treat Abnormal Loss in Process Costing?
- Distinguish between Budgetary Control and Standard Costing

Part-III

Only Long Answer Type Questions (Answer Any Two out of Four)

Q3 What do you mean by Cost Volume Profit Analysis? Discuss its main features. (16)

Q4 Distinguish between Job Costing and Process Costing. (16)

Q5 The following data are available from records of ABC Company. (16)

Sales Rs 60,000
Variable Cost Rs 30,000
Fixed Cost Rs 15,000

You are required to

- Calculate P/V Ratio, Break Even Point and Margin of Safety.
- Calculate the effect of 10% increase in Sales Price

Q6 Cost records of a manufacturing company give the following information. Prepare a cost sheet showing all relevant results. **(16)**

			1 st Jan 2022 (Rs)		31 st Jan 2022 (Rs)	
258	Raw Material	258	258	1,00,000	258	1,23,500
	Finished Goods			71,000		42,000
	Work in Prog			31,000		34,500
	Other transactions are as follows:					
						Rs
	Purchase of Raw Materials					88,000
	Direct Wages					70,000
	Works Expenses					39,500
258	Administrative Expenses	258	258	258	258	13,000
	Selling and Distribution Expenses					15,000
	Sales					2,84,000

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MBA / MBAP
18MBA304B / 18PTMBA503B

3rd & 5th Semester Regular / Back Examination: 2021-22

PROJECT APPRAISAL AND FINANCING

BRANCH(S): BA, FM, GM, HRM, IB, MBA, MBA(IM&F), MM / MBA(PT)

Time : 3 Hour

Max Marks : 100

Q.Code : OF550

Answer Question No.1 (Part-1) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Answer the following questions : (2 × 10)

- What do you mean by bridge financing? Give an example.
- What are the stages involved in project formulation?
- What are the various types of feasibility analysis?
- Explain the difference between Bandwagon Effect and Nostalgia Effect.
- What is Project rating Index? Why is project rating carried out?
- Write down the Components of BOOT.
- Differentiate between Covenantor and Covenantee.
- What are the main reasons for project termination?
- Name two ongoing projects of Government of Odisha one each in health and education sector.
- Name two examples of pre operative expenses in a project. Whether company registration charges are part of pre operative expenses of project cost?

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) (6 × 8)

- What are the qualities and competencies required of an effective project manager?
- Briefly explain the sources of project identification.
- What is UNIDO manual? Also explain the scope and applicability of UNIDO manuals.
- Discuss various dimensions considered for conducting feasibility study of a new project.
- "Evaluation of a project is another means of project control". Discuss.
- "Technically feasibility of project depends largely on location, availability, and cost of various requirements in alternative location". Discuss the statement.
- What is commercial appraisal? Discuss the demand forecasting techniques under survey method.
- Briefly explain the characteristics of a sound project organization.
- What is the new approach for infrastructure project? Also explain the issues related to infrastructure projects.
- What do you mean by project risk analysis? What are the measures of risk?
- What are the similarities and difference between the UNIDO approach and Little – Mirrlees approach?
- Briefly explain the objectives of Project control. What are the reasons for ineffective control in project.

Part-III

Only Long Answer Type Questions (Answer Any Two out of Four)

Q3 Discuss the Project evaluation stage of Project management and also explain the different techniques to evaluate project. (16)

Q4 What are the factors, which control the cost of a project? How does over-run affect the project cost? (16)

Q5 What do you mean by Social Cost Benefit analysis? Explain its features and significance and also explain UNIDO approaches to conduct social cost benefit analysis. (16)

Q6 What are the various sources of finance available for the projects in India? Describe briefly the various means of financing of project. (16)

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MBA / MBAP

18MBA302B / 18PTMBA501B

3rd & 5th Semester Regular / Back Examination: 2021-22

FINANCIAL DERIVATIVES

BRANCH(S): BA, FM, GM, HRM, IB, MBA, MBA (M & F), MM / MBA(PT)

Time : 3 Hour

Max Marks : 100

Q.Code : OF559

Answer Question No. I (Part-I) which is compulsory, any eight from Part-II and any two from Part-III.

The figures in the right hand margin indicate marks.

Part-I

Q1 Answer the following questions :

(2 × 10)

- What is counterparty risk?
- What is an Open interest?
- What are ITM, ATM and OTM?
- What are covered option and naked option? Explain with example.
- You saw the following quote in Derivative Market.
"RIL(300),2500, Aug21, Call AM Rs15"
Explain what do you mean by that.
- What is hedging effectiveness?
- What is basis?
- What is swap? What type of derivative instrument it is?
- What are the three different styles of Options? Explain
- How is put buyer different from short seller?

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve)

(6 × 8)

- Bring out the distinction between over the counter derivatives and Exchange traded derivatives.
- Who are the participants in derivative market? Explain their roles.
- How are futures trades settled in the stock market?
- The following data relate to the Futures Contract.
Gold Futures Contract size =100gms
Investor buys one December Gold Futures contract on 1 November at Rs400 per gram.
Initial Margin is 10% and Maintenance Margin is 75% of initial margin.
Set up a Buyer's Margin Account assuming the closing price of Gold /gm as ;Rs. 400, 403, 398, 390, 392, 387, 394, 401, 405 and 410 for next 10 consecutive trading days.
Also find the profit .
- What is intrinsic value of a call option? How is it calculated?
- What is FRA? Explain the concept with an example.
- Given the following data, find at what forward rate, will there be no arbitrage gain possible?
Rs22/DM (SPOT), 6 month interest rates: Re 11.5% per annum and DM 6.5% percent per annum.

- h) What do you mean by Fair price of a Forward contract?
Calculate the Fair Price of a Forward Contract based on the following data:
Current Price of Asset (S_0) = Rs 5.00 lakhs. Risk free return is 5% per annum.
Time to expiration (T) is 6 months.
- i) KK is bearish about the share of DLF. He expects the price to fall to Rs50 from current market price of Rs200 in 3 months. He wants to sell the shares. Again he thinks, if it rises beyond Rs200, he might lose. He approaches a broker. Broker advises him to buy a Put option as follows:
"DLF (1100) 180 June22, Put Am Rs25"
Suppose May22 Spot Price of DLF is Rs90 and KK exercises his option, Will he gain? If yes, How much?
- j) Current Market Price of a stock is Rs100. Strike Price (X) is 115, $t=12$ months. Spot price may increase by 60% or decline by 20% of the current market price. Risk free rate is 10% per annum. Find the Call price and Put price.
- k) Explain the Straddle strategies.
- l) Write a note on Black-Scholes option pricing model.

Part-III

Only Long Answer Type Questions (Answer Any Two out of Four)

Q3

Discuss the factors responsible for the growth of derivative market in India.

(16)

Q4

An investor has a portfolio of Rs30,00,000 consisting of the following stocks:

(16)

Stocks	Value (Rs)	Beta
Infosys	10,00,000	0.97
L&T	12,00,000	1.24
ICICI	8,00,000	1.52

Q5

Current NIFTY level is 16,000 and Nifty Futures lot is 15. Calculate the number of contracts required for hedging when Beta is 0.75

(16)

Explain the nature of Equity derivative instruments such as:

- Equity Index Futures and Equity stock Futures
- Equity Index Options and Equity Stock Options with clear examples.

Q6

Explain Bull Spread and bear spread with clear examples. Put neat diagrams wherever necessary.

(16)