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**II Semester M.Com. Degree Examination, June 2009
(2007-08 Scheme) (N.S.)**

COMMERCE

Paper - 2.1 : Human Resource Management

Time: 3 Hours

Max. Marks: 80

SECTION - A

1. Answer any ten of the following :

(10×2=20)

- a) Define work stress.
- b) What is Participative Management ?
- c) What is job evaluation ?
- d) Define HRP.
- e) State two methods of performance appraisal.
- f) What is HR audit ?
- g) Distinguish between induction and orientation.
- h) State two methods of training
- i) What is job analysis ?
- j) Mention two functions of HRM department.
- k) Define job design.

P.T.O.

The interview, however, was a disaster. Vandana walked into a room in which five men, including the President of the company, two Vice Presidents, the marketing Director and another Engineer, began throwing questions at her that she felt were aimed primarily at tripping her up rather than finding out what she could offer through her engineering skills. The questions ranged from unnecessarily discourteous to irrelevant and sexist like. Are you planning on settling down and starting a family any time soon? Then, after the interview, she was interviewed by two of the gentlemen exclusively (including the president) and the discussion focused almost exclusively on her technical expertise. She thought that these later discussions went fairly well. However, given the apparent aimlessness and even mean spiritedness of the panel interview, she was astonished when several days later she got a job offer from the firm.

The offer forced her to consider several matters. From her point of view, the job itself was perfect. She liked what she would be doing, the industry and the firm's location. And, in fact, the president had been quite courteous in subsequent discussions, as had been the other members of the management team. She was left wondering whether the panel interview had been intentionally tense to see how she would stand up under pressure and if so, why they would do such a thing.

Questions :

1. Do you think the panel interview reflected a well thought out interview strategy on the part of the firm or carelessness on the part of the firm's management?
2. What would you do to improve the interview process at Apex Electricals? What questions would you ask while interviewing candidates for the job?
3. Would you take the job offer if you were Vandana. If you are not sure, is there any additional information that would help you make your decision, and if so, what is it?

**II Semester M.Com. Degree Examination, June 2009
(2007-08 Scheme) (N.S.)**

COMMERCE

Paper 2.2 : Advanced Financial Management

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer any ten of the following sub-questions in about 3-4 lines each. Each sub-question carries two marks. (10×2=20)
- a) What are the important elements of Capital Structure ?
 - b) Distinguish between Net Income and Net Operating Income.
 - c) What do you mean by Opportunity Cost of Capital ?
 - d) Define Capital Rationing.
 - e) What is Leveraged Buyout ?
 - f) Distinguish between Scenario Analysis and Simulation Analysis.
 - g) Define Corporate Restructuring.
 - h) What are Hedging Instruments ?
 - i) Define Futures.
 - j) What is meant by Swaps ?
 - k) What is meant by Post-payback Profitability ?
 - l) How do you compute the EPS ?

P.T.O.

SECTION - B

Answer any three of the following questions and each question carries five marks :

(3×5=15)

2. How is the Finance Function typically organized in a large organization ?
3. Is the MM Thesis realistic with respect to Capital Structure ? Why ? Discuss.
4. Write an explanatory note on Sensitivity Analysis.
5. Explain and illustrate Option Payoffs.
6. ABC Ltd. needs Rs. 5,00,000 for construction of a new plant. The following three financial plans are feasible :
 - a) The company may issue 50,000 equity shares of Rs. 10 per share;
 - b) The company may issue 25,000 equity shares of Rs. 10 per share and 2,500 debentures of Rs. 100 denomination bearing 8% of interest;
 - c) The company may issue 25,000 equity shares of Rs. 10 per share and 2,500 preference shares of Rs. 100 per share bearing 10% of dividend.

If the company's earnings before interest and taxes are Rs. 40,000; Rs. 80,000; and Rs. 1,20,000 what are the earnings per share under each of the three financing plans ? Which alternative would you recommend and why ?

SECTION - C.

Answer any three of the following questions and each question carries 15 marks :

(3×15=45)

7. What is a Merger ? Enumerate the different types of Mergers. What are the potential economic advantages from Mergers ?
8. What are Derivative Instruments ? What are the economic functions performed by the Derivatives Markets ?
9. What makes risk important in the selection of projects ? Explain briefly the various methods of evaluating risky projects. Can you think of a capital budgeting project that would have perfectly certain returns ?

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a) Required rate of return is 10%, and

b) The company uses Written Down Value Method of depreciation at 25% and it has several machines in the 25% block.



- II. Company X wishes to takeover Company Y. The financial details of the two companies are as under.

Particulars	Company X	Company Y
Equity Shares (Rs. 10 per share) (Rs.)	1,00,000	50,000
Share Premium Account (Rs.)	-	2,000
Profit and Loss Account (Rs.)	38,000	4,000
Preference Shares (Rs.)	20,000	-
10% Debentures (Rs.)	15,000	5,000
Fixed Assets (Rs.)	1,22,000	35,000
Net Current Assets (Rs.)	51,000	26,000
Maintainable Annual Profit (after Tax) for Equity Shareholders (Rs.)	24,000	15,000
Market Price per Equity Share (Rs.)	24	27
Price-Earnings Ratio	10	9

What offer do you think Company X could make to Company Y in terms of Exchange Ratio, based on

- Net asset value
- Earnings per share, and
- Market price per share?

Which method would you prefer from Company X's point of view ?

II Semester M.Com. Degree Examination, June 2009
(2007-08 Scheme) (NS)
COMMERCE
Paper - 2.3 : E - Commerce

Time : 3 Hours

Max. Marks : 80

SECTION - A

1. Answer any ten of the following in about 4-6 lines each. Each sub question carries 2 marks. (2×10=20)

- a) Define e-business.
- b) Discuss technologies for CRM.
- c) What is a smart card ?
- d) What are on-line exchanges ? Discuss.
- e) Give one example each of BTOC and CTOC business.
- f) Give some examples of financial EDIS.
- g) Define SSL protocol.
- h) What is a search engine.
- i) What is GPRS ?
- j) What do you mean by 'finger and ping' ?
- k) What is span ?
- l) What is a 'gateway server' ?

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**SECTION - B**

Answer any three of the following in about a page each. Each question carries 5 marks. (5×3=15)

2. What is an auction ? Discuss the benefits of auctions to buyers and sellers.
3. Bring out the role of EDI in international marketing.
4. Compare and contrast CDMA and GSM.
5. Write a brief note on wireless technology.
6. List the names of web servers. Explain any one of them in brief.

SECTION - C

Answer any three of the following in about 3 pages each. Each question carries 15 marks. (15×3=45)

7. Discuss e-payment system for retail payments.
8. Discuss e-marketing, e-advertising.
9. List computer crimes. Critically evaluate IT Act, 2000.
10. Explain public key encryption and private key encryption. List the advantages and disadvantages of each.
11. Critically evaluate different internet utility programs available in E-commerce.

II Semester M.Com. Degree Examination, June 2009
(2007-08 Scheme) (N.S.)
COMMERCE
2.4 : Business Environment

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer **any ten** of the following in about **3-4** lines **each**. Each sub-question carries **two** marks. (2×10=20)
 - a) What do you mean by environmental scanning ?
 - b) List out the controllable and uncontrollable factors of business environment.
 - c) Mention active players in global business environment.
 - d) What are trade blocks ?
 - e) What are the components of non-economic environment ?
 - f) Explain the merits of capitalistic economic system.
 - g) What are the sources of culture ?
 - h) What is business ethics ?
 - i) What is meant by legal environment ?
 - j) State the political institutions that have an impact on business.
 - k) What is meant by management for technology of transfer ?
 - l) What are the merits of E-Commerce ?

P.T.O.

SECTION - B

Answer any three of the following. Each question carries 5 marks. (3×5=15)

2. Explain the main features of business environment in India.
3. What are the problems of globalization faced by developing countries like India ?
4. Discuss the micro and macro economic factors which influence the business.
5. Why is social responsibility important to business firms ?
6. How do you assess the impact of technology on the success of business ?

SECTION - C

Answer any three of the following in about three pages each. Each question carries 15 marks. (3×15=45)

7. Explain in detail the role of WTO in promoting business especially in third world countries like India.
8. Critically examine the achievements and failures of Indian economic plans.
9. What are the cultural dimensions ? Also explain the impact of Western culture on Indian business with examples.
10. How do companies go global ? Discuss the stages of globalisation.
11. Discuss the responsibilities of Business to Govt. and Govt. to business.

II Semester M.Com. Degree Examination, June 2009
(2007-08 Scheme) (NS)

COMMERCE

2.5 : Operations Research and Quantitative Techniques

Time : 3 Hours

Max. Marks : 80

SECTION - A

Answer any ten of the following in about 3-4 lines each. Each sub-question carries two marks. (2×10=20)

1. a) Define total float and free float.
- b) Distinguish between risk and uncertainty.
- c) What are empirical probabilities?
- d) Discuss with decision trees.
- e) What do you mean by binomial distribution?
- f) What are the cost relevant for inventory decisions?
- g) Explain an feasible solutions.
- h) State the addition theorem of probability.
- i) What is multiple optimal solution?
- j) What is random variable?
- k) What is Mathematical Expectation?
- l) What is stockout cost?

SECTION - B

Answer any three of the following : (3×5=15)

2. Define EVPI. How is it calculated?
3. Bring out the importance of net work analysis in business decisions.
4. A and B appears for an interview for two vacancies in the same post. The probability of A's selection is $\frac{1}{7}$ and that of B's selection $\frac{1}{5}$ what is the probability that
 - a) both of them will be selected.
 - b) only one of them will be selected.
 - c) none of them will be selected.

P.T.O.



5. A company uses annually 50,000 units of an item. Each costing Rs. 1.20 each order costs Rs. 45 and inventory carrying charges 15% of the annual average inventory value.
- Find EOQ.
 - If the company operates 250 days a year the procurement time is 10 days and safety stock is 500 units find the re-order level. Maximum, minimum and average inventory values.
6. Write a short on significance of linear programming in Managerial Decision Making.

SECTION - C

Answer any three questions. Each question carries 15 marks.

7. A survey has been undertaken to determine if there is a relationship between a place of residence and ownership of foreign car. A random sample of 200 cars from large cities, 150 from suburbs and 150 from rural areas was selected with the results shown below :

Car ownership	Area of Residence			
	Large city	Suburb	Rural	Total
Own foreign car	90	60	25	175
Do not own foreign car	110	90	125	325
Total	200	150	150	500

If a car owner is selected at random, What is the probability that he or she :

- Owens a foreign car ?
 - Lives in a large city and owns a foreign car ?
 - Own a foreign car or lives in a rural area ?
 - A car owner selected at random is found to have a non-foreign car. What is the probability that he or she lives in a rural area ?
- State the conditions under which the Binomial distribution can be used.

8. A home economics student has to devise a diet which achieves minimum levels of each of three nutrients, namely 10 units of nutrient A, 12 units of nutrient B and 6 units of nutrient C.

These nutrients can be provided from two foods, P and Q in the following quantities one kilo of food P costs 3.50 and contains 5 units of nutrient A, 4 units of nutrient B and 1 unit of nutrient C. Where as one kilo of food Q costs 4.00 and contains 2 units of nutrient A, 3 units of nutrient B and 3 units of nutrient C.

- 1) Formulate the information as a linear programming problem and show graphically the feasible combinations of the foods P and Q find the combination which gives minimum cost.
 - 2) If the price of food P were to rise while that of food Q remained constant how much would this rise have to be in order to affect your previous answer.
9. A project consists of a series of tasks labeled A, B,H I with the following constraints.

$A < D$; E ; B , $D < F$; $C < G$; $B < H$; F , $G < I$, $W < X$, y means X and y can't start until W is completed. You are required to construct a network using this notation. Also find the minimum time of completion of the project when the time of completion of each task is given as follows :

Task	A	B	C	D	E	F	G	H	I
Time (Days)	23	8	20	16	24	18	10	4	10

10. Explain the meaning of "Simulation" and state its usefulness in business decision making.
11. Write short notes on :
 - a) Simulation in financial management.
 - b) Decision trees.
 - c) Sensitivity analysis.

II Semester M.Com. Examination, June/July 2010
(2007-08 New Scheme)

COMMERCE

Paper - 2.2 : Advanced Financial Management

Time : 3 Hours

Max. Marks : 80

- Instructions :** 1) Ten questions to be answered from Section - A.
 2) Three questions to be answered from Section - B.
 3) Three questions to be answered from Section - C.

SECTION - A

1. Answer any ten of the following in about 3-4 lines each. Each sub-question carries two marks.

(10×2=20)

- Explain arbitrage process.
- What is trading on equity?
- State the elements of capital structure.
- Difference between NPV and IRR methods.
- Explain varying opportunity cost of capital.
- What is capital rationing?
- Explain the concept risk and uncertainty.
- What is simulation analysis?
- Discuss Leveraged buyouts.
- Explain the significance of PE ratio in Merger.
- Explain Hedging instruments.
- What is risk hedging?

P.T.O.

SECTION - B

Answer any three of the following. Each question carries 5 marks. (3×5=15)

2. Explain the traditional approach specifying optimum capital structure.
3. Discuss the investment decision under inflation.
4. State the significance of risk analysis in capital budgeting.
5. Discuss briefly about corporate restructuring.
6. Explain financial derivatives.

SECTION - C

Answer any three of the following in about three pages each. Each question carries 15 marks. (3×15=45)

7. State the difference between mergers and acquisitions. Explain DCF approach for financing a merger.
8. Discuss the uses of derivatives in the context of globalisation.
9. A firm has a capital structure exclusively comprising of ordinary shares amounting to Rs. 10 lakhs. The firm now wishes to raise additional capital of Rs. 10 lakhs for expansion. The firm has four alternative financial plans :
 - A) It can raise the entire amount in the form of equity capital.
 - B) It can raise 50% as equity capital and 50% as 5% debentures.
 - C) It can raise the entire amount as 6% debentures.
 - D) It can raise 50% as equity capital and 50% as 5% preference shares.

Further, the existing EBIT is Rs. 1,20,000, tax rate is 35%, outstanding ordinary shares 10,000 and the market price per share is Rs.100 under all the four alternatives. Which financing plan should the firm select ?

10. A company is faced with the problem of choosing between two mutually exclusive projects. Project A requires Rs.1,00,000 and cash running expenses of Rs. 35,000 per year.

On the other hand project B requires a cash outlay of Rs.1,50,000 and cash running expenses of Rs. 20,000 per year. Both the projects have an eight year life period. Project A has a salvage value of Rs.4,000 and project B has Rs. 14,000. The Co's required rate of return is 10% . The tax rate is 50% and depreciation is on straight line basis on a differential basis, which project should be accepted ?

11. The probability distributions of two projects and NPV are given below :

Project A		Project B	
NPV(Rs.)	Probability	NPV(Rs.)	Probability
5,000	0.2	0	0.1
7,500	0.7	7,500	0.7
10,000	0.1	15,000	0.2

You are required to calculate the expected value, the standard deviation and the co-efficient of variation for each project. Which of these mutually exclusive projects do you prefer and why ?

**II Semester M.Com. Examination, June/July 2010
(2007-08 Scheme) (N.S.)**

Commerce

**Paper - 2.5 : OPERATIONS RESEARCH AND QUANTITATIVE
TECHNIQUES**

Time : 3 Hours

Max. Marks : 80

SECTION - A

1. Answer any ten of the following in about 3-4 lines each. Each sub-question carries two marks : (2×10=20)
- a) Define an OR model.
 - b) What is feasibility region ?
 - c) Define independent float.
 - d) What are ISO-Profit lines ?
 - e) Define Probability.
 - f) What is inventory cycle ?
 - g) What is expected value ?
 - h) What is Poisson distribution ?
 - i) State the rules for constructing project network.
 - j) What are forward pass and backward pass ?
 - k) What is Laplace principle in decision theory ?
 - l) What is Monte Carlo simulation ?

P.T.O.

SECTION - B

Answer any three of the following. Each question carries 5 marks.

(3×5=15)

2. Write the procedure for Vogel's approximation method.
3. Briefly explain the major applications of linear programming in business.
4. What are the advantages and limitations of simulation?
5. A factory follows an economic order quantity system for maintaining stocks of one of its component requirements. The annual demand is for 24,000 units, the cost of placing an order is Rs. 300, the component cost is Rs. 60 per unit. The factory has imputed 24% as the inventory carrying rate. Find the optimum interval for placing orders, assuming a year is equivalent to 360 days.
6. Solve the following transportation problem

Factory	Destination			Supply
	1	2	3	
A	8	4	10	10
B	9	7	9	80
C	6	5	8	15
Demand	75	20	50	

SECTION - C

Answer any three of the following. Each question carries 15 marks :

(3×15=45)

7. Write a note on :
 - a) Basic rules of Probability
 - b) Risk analysis in capital budgeting
 - c) Software packages for solving LPPs.

8. A company solicits bids on each of four projects from five contractors only one project may be assigned to any contractor. The bids received (in thousands of rupees) are given below. Contractor D feels unable to carry out project 3 and, therefore submits no bid.

Project	Contractor				
	A	B	C	D	E
1	18	25	22	26	25
2	26	29	26	27	24
3	28	31	30	-	31
4	26	28	27	26	29

- Find the assignments with the smallest possible total cost.
 - What is the minimum total achievable cost?
9. Solve the following LPP :
- Maximize $Z = 8x_1 - 4x_2$
- Subject to $4x_1 + 5x_2 \leq 20$
- $-x_1 + 3x_2 \geq -23$
- $x_1 \geq 0, x_2$ unrestricted in sign.
10. The following table gives data on normal time and cost, and crash time and cost for a project.

Activity	Duration (weeks)		Total cost (Rs.)	
	Normal	Crash	Normal	Crash
1-2	3	2	300	450
2-3	3	3	75	75
2-4	5	3	200	300
2-5	4	4	120	120
3-4	4	1	100	190
4-6	3	2	90	130
5-6	3	1	60	110

- i) Draw the network and find out the critical path and the normal project duration.
 - ii) Find out the total float associated with each activity.
 - iii) If the indirect costs are Rs. 100 per week, find out the optimum duration by crashing and the corresponding project costs.
11. The probability that there is at least one error in a statement of P&L account prepared by A is 0.3 and for B and C it is 0.25 and 0.35 respectively. A, B and C prepared 15, 20 and 25 statements independently. Find the expected number of correct statements.

Further all the three prepared 15 statements. A and B together prepared 20 statements; B and C together and C and A together prepared 25 and 30 statements respectively. Find the expected total number of correct statements.

**II Semester M.Com. Examination, June/July 2010
(2007-08 Scheme) (N.S.)**

Commerce

2.1 HUMAN RESOURCE MANAGEMENT

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer any ten of the following :

(10×2=20)

- a) What is work stress ?
- b) Define Participative Management.
- c) Define Ethics.
- d) What is job evaluation ?
- e) Distinguish between leader and manager.
- f) What is expat selection ?
- g) What is panel interview ?
- h) Define H.R. Audit.
- i) State two qualities of HR Manager.
- j) Differentiate between wage and incentive.
- k) Define H.R.P.
- l) What are fringe benefits ?

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SECTION - B

Answer any three questions :

(3×5=15)

2. Explain the methods of compensation plans followed in IT firms.
3. Explain different ways of work harassment. Suggest the measures to overcome them.
4. Explain the objectives of HRM.
5. Illustrate the procedures of recruitment and selection practices in Indian colleges for the post of lecturer.
6. Discuss the audit of corporate strategy.

SECTION - C

Answer any three questions :

(3×5=15)

7. Explain the ethical issues in HRM.
8. Explain the importance of training and its impact on the efficiency of an organisation.
9. What are the functions of HR audit and its managerial compliance?
10. Discuss the challenges of HRM in the light of global environment.
11. What is your understanding of recent recession? Discuss the role of HR Manager in helping the management to overcome this.

II Semester M.Com. Examination, June/July 2010
(2007-08 Scheme) (NS)
COMMERCE
2.3 : E-Commerce

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer any ten of the following in about 4-6 lines each. Each sub-question carries 2 marks. (2×10=20)
- What is 'home page', what is 'web site' and what is 'web-portal' ?
 - What is public key ?
 - What is SET ?
 - What is 3G technology ?
 - What is GSM and what is GPRS ?
 - What are grey hats ?
 - What is meant by client server ?
 - Define e-business.
 - Name business applications of EDI.
 - Name four computer crimes.
 - Name four e-payment systems.
 - Name the technologies for e-CRM.

SECTION – B

Answer any three of the following in about a page. Each question carries 5 marks. (5×3=15)

- Describe in brief steps to create digital signature.
- What are intelligent agents ? Explain in brief.

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4. Give the names of different BTOB business models. Critically evaluate any one of them.
5. State the desirable properties of an effective e-payment system.
6. What is e-advertising ? Discuss in brief.

SECTION – C

Answer any three of the following in about 3 pages each. Each question carries 15 marks. (3×15=45)

7. What are hardware and software requirements for E-commerce activities ? Explain.
8. Define m-commerce and explain the infrastructure required for its effective use in E-commerce.
9. Explain the security measures available in E-commerce.
10. Define e-business. State its advantages and limitations. Discuss the business where E-commerce is more effective than traditional commerce.
11. Discuss the steps to be followed for effective design of a website. Illustrate, with an example components of a website.

II Semester M.Com. Examination, June/July 2010
(2007-08 Scheme) (NS)
COMMERCE
2.4 : BUSINESS ENVIRONMENT

Time : 3 Hours

Max. Marks : 80

SECTION - A

1. Answer any ten of the following in about 3-4 lines each. Each sub-question carries two marks. (10×2=20)
- a) What are business objectives ?
 - b) What is an MNC ?
 - c) What are the features of technology ?
 - d) What do you mean by Judicial activism ?
 - e) Why has socialism failed ?
 - f) What is business ethics ?
 - g) Define strategic management.
 - h) What do you mean by trading blocks ?
 - i) State the social responsibilities of business.
 - j) Define E-commerce.
 - k) What are fundamental rights ?
 - l) What is environmental scanning ?

P.T.O.

SECTION - B

Answer any three of the following. Each question carries five marks. (3×5=15)

2. Bring out the limitations of environmental analysis.
3. Explain the impact of technology on society.
4. Why is economic planning necessary? Explain.
5. Discuss why business should participate in cultural affairs.
6. Bring out the arguments for and against India's membership of WTO.

SECTION - C

Answer any three of the following in about three pages each. Each question carries fifteen marks. (3×15=45)

7. Discuss the issues involved in globalisation.
8. Describe the forces that impact the growth of technology.
9. Discuss the impact of executive and judiciary on business.
10. Describe economic environment as it prevails today in our country.
11. Define culture. How does culture influence business?

II Semester M.Com. Examination, July/August 2011
(2007-08 New Scheme)

COMMERCE

Paper – 2.5 : Operations Research and Quantitative Techniques

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer **any ten** of the following in about **3-4** lines each. Each sub-question carries **two** marks. (10×2=20)

- a) What is feasibility region ?
- b) What are forward pass and backward pass ?
- c) State the meaning of quantitative techniques.
- d) What is random variable ?
- e) What is stockout cost ?
- f) What is Expected value ?
- g) State the rules for constructing project network.
- h) What are Collectively Exhaustive Events ?
- i) What is Mathematical Expectation ?
- j) Discuss with decision trees.
- k) Define risk and uncertainty.
- l) What is multiple optimal solution ?

P.T.O.



SECTION - B

Answer any three of the following.

(3×5=15)

2. Bring out the importance of Network analysis in business decisions.
3. Explain the properties of normal distribution.
4. Explain the classification of quantitative techniques.
5. The daily sales of a certain item are normally distributed with a mean of Rs. 8,000 and a S.D. of Rs. 100.
 - a) What is the probability that on a given day sales will be less than Rs. 8,210?
 - b) What is the probability that the sales will be between Rs. 8,100 and Rs. 8,300?
6. A company has to supply 1000 items per month at uniform rate and each time a production run is started it costs Rs. 200 cost of storing is Rs. 20 per item per month. The number of items to be produced per run has to be ascertained. Determine the total set up cost and average inventory cost if the run size is 500, 600, 700, 800. Find the optimal production run size using EOQ formula.

SECTION - C

Answer any three questions. Each question carries 15 marks.

(15×3=45)

7. Explain the meaning of "Simulation" and state its usefulness in business decision making.
8. Use graphical method to solve the LPP :

$$\text{Maximize } Z = 3x_1 + 2x_2$$

$$\text{Subject to } 5x_1 + x_2 \geq 10$$

$$x_1 + x_2 \geq 6$$

$$x_1 + 4x_2 \geq 12$$

$$x_1, x_2 \geq 0.$$

9. A Project schedule has the following characteristics activity.

Activity	1-2	1-3	2-4	3-4	3-5	4-9	5-6	5-7	6-8	7-8	8-10	9-10
Time (Days)	4	1	1	1	6	5	4	8	1	2	5	7

From the above information you are required to

- Construct a network diagram
- Compute the earliest event time and latest event time
- Determine the critical path and total project duration
- Compute total, free, float for each activity.

10. 500 employees working for a Company of whom 260 smoke cigarettes of the 300 males, working for the company, 170 smoke cigarettes. What is the probability that an employee chosen at random.

- does not smoke cigarettes ?
- is female and smoke cigarettes ?
- is male or smokes cigarettes ?
- Suppose we meet a female employee of the company – what is the probability that she does not smoke cigarettes ?
- Determine using the information given, whether cigarette smoking and gender are independent.

II. Write short notes on :

- Cost-time trade off in network analysis:
- Probability distributions.
- decision theory main features and limitation.

**II Semester M.Com. Degree Examination, July/August 2011
(2007-08 New Scheme) (N.S.)**

COMMERCE

Paper - 2.2 : Advanced Financial Management

Time : 3 Hours

Max. Marks : 80

SECTION - A

1. Answer any 10 of the following sub questions in about 3-4 lines each. Each sub-question carries 2 marks. (10×2=20)

- a) What is Optimal Capital Structure ?
- b) What is meant by Risk-Return Tradeoff ?
- c) What do you mean by Profitability Index ?
- d) What do you mean by Annual Equivalent Value Method ?
- e) What do you mean by Sequential Analysis ?
- f) What is sensitivity analysis ?
- g) Explain Financial benefits of Merger and Acquisitions.
- h) What do you mean by Share exchange ratio ?
- i) What is Call premium ?
- j) Define Derivatives.
- k) What is WACC ?
- l) What do you mean by real rate and nominal rate ?

P.T.O.

10. Following information is obtained from hypothetical company which has three different situations X, Y and Z and financial plans I, II and III. You are required to calculate operating leverages, financial leverages and combined leverages.

Total capacity of the project = 10,000 Units,

Explored capacity of sales = 7500 Units

S.P/Unit = Rs. 20/-

V.C/Unit = Rs. 50/-

Fixed Cost :

X = Rs. 10,000

Y = Rs. 20,000

Z = Rs. 25,000

Financial Plans :

1) Rs. 50,000/-Equity and Rs. 40,000/-Debt at 10% interest

2) Rs. 60,000/-Equity and Rs. 30,000/-Debt at 10% interest

3) Rs. 30,000/-Equity and Rs. 60,000/-Debt at 10% interest

11. What is a merger? Enumerate different types of mergers? What are the potential economic advantages from mergers? What synergies do exist in

a) Horizontal mergers

b) Vertical mergers

c) Conglomerate mergers.

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PG - 638

II Semester M.Com. Degree Examination, July/August 2011
(2007-08 Scheme) (NS)

COMMERCE

Paper 2.1 : Human Resource Management

Time : 3 Hours

Max. Marks : 80

Instruction : Answer all Sections.

SECTION - A

1. Answer any ten of the following. Each question carries two marks : (2×10=20)

- What do you mean by the term 'Human Resource' ?
- Mention any two differences between human resource management and personnel management.
- Define "Industrial relation".
- What do you mean by 'Induction' ?
- What is job enrichment ?
- What is meant by the term 'CAREER' ?
- What is participative management ?
- What is Human Capital Management ?
- Name two types of transfers.
- What is employee satisfaction ?
- What is vestibule training ? Give example.
- What is Industrial Accident according to industrial law ?

SECTION - B

Answer any three of the following. Each question carries five marks. (5×3=15)

- Explain the objectives of Human Resource Management.
- Explain the factors influencing the H.R. activities in an organization.
- Explain the reasons for Industrial Accidents.
- What is the process of job analysis ?
- Give the advantages and requisites of participative management.

P.T.O.

SECTION - C

Answer any three of the following. Each question carries fifteen marks. (3×15=45)

7. Explain the organization of HRM department.
8. Explain the process of International Recruitment.
9. What are the factors which have influenced the growth of unionization ?
10. Explain the merits and demerits of human resource audit, and briefly explain the functions of human resource audit.
11. What are the challenges of HRM in Indian context ?

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II Semester M.Com. Degree Examination, July/August 2011
(2007-08 Scheme) (N.S.)

Commerce
Paper - 2.3 - E-COMMERCE

Time : 3 Hours

Max. Marks : 80

SECTION - A

1. Answer any ten from the following. Each question carries two marks : (10×2=20)

- a) Define E-business.
- b) What is a Router ?
- c) What is domain name and top level domain ? Give an example.
- d) Expand IMAP and MIME.
- e) What is VPN ?
- f) What is T1 line and T3 line ?
- g) What is Finger ?
- h) Define Ping and Tracert.
- i) What is Benchmarking ?
- j) Define Portal.
- k) What is a Dynamic webpage ?
- l) Who are Commerce Service Providers ?

P.T.O.

SECTION - B.

Answer any three from the following. Each question carries five marks. (3×5=15)

2. Explain the functions of shopping cart in E-commerce websites.
3. Who is an ISP ? What are the services provided by them ?
4. Explain the types of websites available for e-commerce activities.
5. Explain seven unique features of E-commerce Technology.
6. What is EBPP ? Explain the types of EBPP systems.

SECTION - C

Answer any three from the following. Each carries fifteen marks. (3×15=45)

7. Describe the major types of e-commerce.
8. What is a E-business Model ? Explain the eight key ingredients of an effective E-business model.
9. Explain how various forms of encryption technology help protect the security of messages sent over the internet.
10. Identify and describe the main technologies that support online marketing.
11. Bring out salient features of IT Act 2000.

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**II Semester M.Com. Degree Examination, July/August 2011
(2007-08 New Scheme)**

COMMERCE

-Paper - 2.4 : Business Environment

Time : 3 Hours

Max. Marks : 80

SECTION - A

1. Answer any ten of the following in about 3-4 lines each. Each sub-question carries two marks.

(10×2=20)

- a) What do you mean by SWOT Analysis ?
- b) Give the meaning of FDI.
- c) What do you mean by Trade Blocks ?
- d) Define Culture.
- e) What is meant by judicial activism ?
- f) What do you mean by the concept of Corporate Social Responsibility ?
- g) What is meant by management for transfer of technology ?
- h) Why do firms go global ?
- i) Give the meaning of TNC.
- j) What are the features of Capitalistic Economic System ?
- k) What do you mean by Environmental Scanning ?
- l) What are Fundamental Rights ?

P.T.O.

SECTION - B

Answer any three of the following. Each question carries 5 marks.

(3×5=15)

2. Briefly explain the routes of Globalisation.
3. Write a note on economic environment with reference to Indian Economy.
4. Explain the cross cultural dimensions.
5. What is the role of Environment Scanning in improving the business ?
6. Explain the need for study of business environment.

SECTION - C

Answer any three of the following in about three pages each. Each question carries fifteen marks.

(3×15=45)

7. Give the meaning of WTO and explain the benefits and problem of WTO for Indian Industries.
8. Write a note on Constitution of India.
9. Explain the role of technological environment in the success of business.
10. Discuss the micro and macro economic factors which influence the business.
11. What are the factors affecting FDI ? Discuss the recent trends in FDI.

**II Semester M.Com. Degree Examination, July 2012
(2007-08 Scheme) (N.S.)**

COMMERCE

Paper – 2.1 : Human Resource Management

Time : 3 Hours

Max. Marks : 80

Instruction : Answer all the Sections.

SECTION – A

1. Answer any ten of the following. Each question carries two marks. (2×10=20)

- a) What do you mean by the term 'HRP' ?
- b) What is HR audit ?
- c) Mention any two differences between Human resource management and personnel management.
- d) Define 'performance appraisal'.
- e) What do you mean by 'Induction' ?
- f) What is job analysis ?
- g) What is MBO ?
- h) What is Human Capital Management ?
- i) Name two types of recruitments.
- j) What is employee welfare ?
- k) What is vestibule training ? Give example.
- l) What is Industrial accident according to industrial law ?

P.T.O.



SECTION – B

Answer **any three** of the following. Each question carries **five** marks. **(5×3=15)**

2. Discuss the significance of HRM.
3. Explain the factors influencing the H.R. activities in an organization.
4. Describe the concept of job analysis in detail.
5. Briefly discuss the challenges of HRM in Indian context.
6. What is employee participation in management ? Discuss in brief.

SECTION – C

Answer **any three** of the following. Each question carries **fifteen** marks. **(3×15=45)**

7. What is HR planning and discuss various methods and techniques of it ?
8. What do you mean by "wage differentials" and how they are practiced goal oriented ?
9. What are the factors which have influenced the growth of unionization ?
10. Write in detail various employee training methods.
11. How do you resolve the industrial disputes ? Discuss in detail.

II Semester M.Com. Examination, July 2012
(2007-08 Scheme) (NS)
COMMERCE
Paper – 2.4 : Business Environment

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer any ten of the following in about 3-4 lines each. Each sub-question carries two marks. (10×2=20)

- a) Technological environment
- b) SWOT Analysis
- c) What are the benefits of study of business environment ?
- d) What do you mean by 'Capitalism' ?
- e) Define centrally planned economy.
- f) What is 'Fiscal Policy' ?
- g) What do you mean by political environment ?
- h) What is Legal frame work ?
- i) What is ITES ?
- j) E-Business.
- k) Technology transfer.
- l) Economic Integration.

P.T.O.

SECTION – B

Answer any three of the following. Each question carries 5 marks.

(3×5=15)

2. What do you understand by Business Environment ? Explain briefly about cultural and political environments in India.
3. How will you evaluate five decades of planning in India ? Discuss.
4. What are the responsibilities of government towards business ?
5. Discuss the impact of technology on economy.
6. State the hurdles in technological development.

SECTION – C

Answer any three of the following in about three pages each. Each question carries fifteen marks.

(3×15=45)

7. "Environmental scanning should provide inputs for strategic decision making" Elaborate.
8. Explain the important provisions of WTO. What are its implications for the developing countries, particularly India.
9. What do you mean by the term culture ? How do you think that business and culture are interrelated ?
10. What is the impact of Legal environment on business ?
11. What do you mean by "transfer of technology" ? Suggest steps that would help the transfer of technology most effectively.

**II Semester M.Com. Examination, July 2012
(2007-08 Scheme) (N.S.)
COMMERCE
Paper – 2.3 : E-Commerce**

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer **any ten** from the following. **Each** question carries **two** marks. (10x2=20)
- a) Define Electronic record as per IT Act, 2000.
 - b) How does B2C work?
 - c) What is encryption?
 - d) What is packet filtering?
 - e) What is URL?
 - f) What is E-CRM tool kit?
 - g) What is E-Commerce?
 - h) What is portal?
 - i) Define SSL.
 - j) What is pull architecture?
 - k) What is digital signature?
 - l) What is e-auction?

SECTION – B

Answer **any three** from the following. **Each** question carries **5** marks. (3x5=15)

- 2. Compare and contrast CDMA and GSM technologies.
- 3. "e payment systems spread only when the hurdles are overcome". Describe them.

P.T.O.



4. Briefly discuss two computer crimes.
5. "Web hosting choices determine its effectiveness". Examine.
6. "Critical factors of web auctions are perishability, scarcity, movement and geographic constraint". Explain.

SECTION – C

Answer any 3 from the following. Each question carries 15 marks. (3×15=45)

7. Critically examine B2B model of e-commerce. List out some major B2B portals in India.
8. "The effectiveness of internetworking is based on how to build a set of protocols that can handle communications between two or more computers". Describe.
9. Explain various business applications of EDI.
10. "Four components comprise firewall : Network policy, authentication mechanism, packet filtering, and application gateways". Explain.
11. Describe WAP architecture bringing out the various components of it.

**II Semester M.Com. Degree Examination, July 2012
(2007-08 Scheme) (NS)
COMMERCE
Paper – 2.2 : Advanced Financial Management**

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer **any ten** of the following sub-question in about **three to four lines** each.

Each sub-question carries two marks.

(10×2=20)

- a) What is leverage ?
- b) What is Risk ?
- c) What is opportunity cost ?
- d) What is simulation ?
- e) What is synergy ?
- f) What is cost of capital ?
- g) What is break even analysis ?
- h) What is open interest ?
- i) What is a put option ?
- j) What is risk free debt ?
- k) What is dead weight cost ?
- l) What is inflation ?

P.T.O.

**SECTION – B**

Answer **any three** of the following question and **each** question carries **five** marks.

(3×5=15)

2. Explain the role of private equity is market for corporate control.
3. What are the principles of cash flow estimation in capital budgeting ?
4. Given the estimate of return and probabilities, calculate expected return and risk.

P (X)	r(%)
.10	7
.20	12
.40	15
.20	18
.10	20

5. Calculate EMI for a loan of Rs. 5 lakh to be repaid in 60 monthly instalment so as to earn a return of 15% for the lender.
6. Explain how to compute cost of equity.

SECTION – C

Answer **any three** of the following question and **each** question carries **fifteen** marks.

(3×15=45)

7. Discuss the revised M and M proposition that allowed for interest deductibility and corporate taxes. What are the offsetting factors under the revised proposition ?
8. Dreamworks company presently pays a dividend of Re. 1. This dividend is expected to grow at a 20 percent rate for 5 years and at 10 percent per annum thereafter. The present market price per share is Rs. 20. Using a dividend discount model approach to estimating capital costs, what is the company's expected or required return on equity ?

(Hint : use 18% and 19% discount rates)

9. Two mutually exclusive projects have projected cash flows as follows :

		Period				
Project	0	1	2	<u>3</u>	4	
A — Rs. 10,000		Rs. 5,000	Rs. 5,000	Rs. 5,000	Rs. 5,000	
B — 10,000		0	0	0	30,000	

- Determine the internal rate of return for each project.
 - Assuming a required rate of return of 10 percent, determine the net present value for each project.
 - Which project would you select? What assumptions are inherent in your decision?
- Distinguish between options, futures, forwards and swaps. Briefly explain their application in managing risk.
 - What is risk analysis in capital budgeting? Discuss any two methods.

II Semester M.Com. Examination, July 2012

(2007 – 08 Semester Scheme) (NS)

COMMERCE

Paper – 2.5 : Operations Research and Quantitative Techniques

Time : 3 Hours

Max. Marks : 80

SECTION – A

1. Answer any ten of the following in about 3-4 lines each. Each sub-question carries two marks. (10x2=20)
- a) Define optimum solution.
 - b) Explain the term pessimistic time estimates in PERT.
 - c) What are the motives for carrying inventory ?
 - d) What do mean by the term probability ?
 - e) Define EVPI. How is it calculated ?
 - f) What is selective inventory control ?
 - g) What is simplex method in linear programming ?
 - h) What is time cost trade in network analysis ?
 - i) What is normal distribution ?
 - j) What is the cost associated with inventory ?
 - k) Define a dummy arrow used in a network.
 - l) Define slack and surplus variable in LPP.

P.T.O.



SECTION – B

Answer any three of the following :

(3×5=15)

2. Critically comment on the assumption based on which the PERT/CPM analysis is done for the projects.
3. What is the significance of utility as a basis of decision making ? State the assumptions under the theory of utility.
4. A banker claims that the life of a regular savings account opened with his bank average 15 months with an S.D of 5.45 months. Assuming that life of a regular saving account is normally distributed. Find what is probability that
 - A) There is balance in the savings account of a depositor at the end of 19 months ?
 - B) The savings account of a depositor will have been closed before 21 months ?
5. A firm manufactures headache pills in two size A and B. Size A contains 1 grain of aspirin, 5 grains of bicarbonate and 1 grain of codeine. It is found by uses that it requires at least 12 grains of aspirin, 74 grains of bicarbonate and 24 grain of codeine for providing immediate effect . It is required to determine. The least number of pills a patient should take get immediate relief. Formulate the problem as a standard LPP.
6. Explain risk analysis in capital budgeting.

SECTION – C

Answer any three questions. Each question carries 15 marks.

(15×3=45)

7. Use graphical method to solve the LPP :

Maximize 'Z' = $40X_1 + 60X_2$ (subject to constraints)

$$2X_1 + X_2 \leq 70$$

$$X_1 + X_2 \geq 70$$

$$X_1 + 3X_2 \geq 90$$

$$X_1, X_2 \geq 0 \text{ (Non-negative constraints)}$$

8. Discuss the differences between decision making under certainty, uncertainty and risk.

9. The following table the activities of a construction project and duration :

Activity	1-2	1-3	2-3	2-4	3-4	4-5
Duration (days)	20	25	10	12	6	10

i) Draw the network for the project

ii) Find the critical path.

10. What is normal distribution ? Highlight its chief use in operation uses in Operation Research.

11. A company has three warehouses (W_1, W_2, W_3) and four stores (S_1, S_2, S_3, S_4).

The availability of a given commodity at these warehouses is as follows :

$W_1 = 7, W_2 = 6, W_3 = 9$, the demand at the four stores is ; $S_1 = 6, S_2 = 4, S_3 = 6$

and $S_4 = 2$. The cost of shipping one unit of commodity from warehouse 'i' to store 'j' are as follows :

	S_1	S_2	S_3	S_4
W_1	9	12	9	6
W_2	7	3	7	7
W_3	6	4	9	11

Find out an optimal shipping schedule which minimises the total shipping cost.

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**II Semester M.Com. Degree Examination, July/August 2013
(2007-08 Scheme) (NS)**

Commerce

Paper – 2.1 : Human Resources Management

Time : 3 Hours

Max. Marks : 80

Instruction: Answer all Sections.

SECTION – A

1. Answer any ten of the following. Each question carries two marks. (10×2=20)

- a) Define HRM.
- b) Define compensation.
- c) What do you mean by HRP?
- d) Define Job Analysis.
- e) What is Human Resource Audit?
- f) What do you mean by orientation?
- g) Define 'Absenteeism'.
- h) Who is a mentor?
- i) What is employee satisfaction?
- j) What do you mean by 'Induction'?
- k) Define the term 'Dispute'.
- l) What is Ethics?

SECTION – B

Answer any three of the following questions. Each question carries five marks. (3×5=15)

2. Explain the qualities and qualification for a HR manager.
3. What is job design? How is it different from job analysis?

P.T.O.



4. What are the techniques for human resources planning ?
5. What are the modern sources of recruitment ?
6. Explain the necessary conditions for the maintenance of sound industrial relations.

SECTION – C

Answer any three questions. Each question carries fifteen marks. (3×15=45)

7. Critically evaluate the challenges of Human Resource Management in India.
8. Describe in detail the process of performance appraisal.
9. What is training evaluation ? Explain the steps and methods of training evaluation.
10. Explain the mechanism of Industrial Disputes Management.
11. Why do trade unions in India often fail to achieve their objectives ? Suggest measures for the successful functioning of trade unions.



PG – 783

**II Semester M.Com. Degree Examination, July/August 2013
(NS) (2007-08 Scheme)
COMMERCE
Paper – 2.4 : Business Environment**

Time : 3 Hours

Max. Marks : 80

Instruction : Answer should be in English.

SECTION – A

Answer any ten of the following, and each question carries two marks. (10×2=20)

1. a) What is environment and ecology ?
- b) What do you mean by globalisation ?
- c) Write on forecasting and assessing of economic environment.
- d) What is corporate governance ?
- e) Explain E-commerce and E-sciences.
- f) Write the preamble of our constitution.
- g) Which are the economic systems prevailing in the world ?
- h) What is IT and ITES ?
- i) Is WTO and Trading blocks can go hand in hand ?
- j) What is SWOT analysis ?
- k) 'Connecting India' and Miles and Smiles whose slogans are these ?
- l) What is corporate ethics ?

P.T.O.



SECTION – B

Answer any three of the following, and each carries five marks. (3×5=15)

2. What are the political institutions ? Explain their functions and responsibilities.
3. Explain the impact of privatisation on Indian Economy.
4. Explain the role of FDI in Indian Development.
5. What are the main Routes of globalisation ?
6. Why we should study business environment ? Explain.

SECTION – C

Answer any three of the following, and each carries fifteen marks. (3×15=45)

7. Explain the impact of technology on Indian Development.
8. Comment on Cultural Dimensions and challenges on Indian Economy.
9. How do you account the success and failures of Five Year Plans of India ?
10. What are the fitting features and today's sciences for a vibrant economy ?
11. Is Industrial Policy and Labour Policy go together – explain critically.



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II Semester M.Com. Degree Examination, July/August 2013
(2007– 08 Scheme) (NS)
COMMERCE
Paper – 2.3: E-Commerce

Time : 3 Hours

Max. Marks : 80

Instruction: Answer all questions.

SECTION – A

1. Answer any ten of the following in about 3-4 lines each. Each sub-question carries two marks. (10×2=20)

- a) What is E-CRM ?
- b) What is web server ?
- c) What are Portals ?
- d) What are web hosting choices ?
- e) Define M-Commerce.
- f) What is SSL protocol.
- g) What is Electronic Payment systems ?
- h) What is WAP ?
- i) What is web server hardware ?
- j) What is Internet utility program ?
- k) Define Digital signature.
- l) Define smart card.

P.T.O.



SECTION – B

Answer any **three** of the following in about a **page** each. Each question carries **5 marks**.

(5×3=15)

2. What are e-business revenue models ?
3. Write a brief note on web server hardware.
4. What are the business applications of EDI ?
5. What is e-advertising ? Explain with an example.
6. What is the utility of Firewalls ?

SECTION – C

Answer any **three** of the following. Each question carries **15 marks**.

(15×3=45)

7. Discuss the various E-Commerce models in business.
8. Explain IT Act of 2006 and its implication on business.
9. Describe the steps in implementing E-Commerce Security.
10. Explain the various wireless application technologies for Mobile Commerce.
11. Explain the various e-payment systems and critically evaluate any two of them in detail.



PG – 784

II Semester M.Com. Degree Examination, July/August 2013
(2007-08 Scheme) (NS)
COMMERCE
Paper – 2.5 : Operations Research and Quantitative Techniques

Time : 3 Hours

Max. Marks : 80

Instruction : Answer all Sections.

SECTION – A

1. Answer any ten of the following in about 3-4 lines each. Each sub-question carries 2 marks. (10×2=20)

- a) Define degeneracy.
- b) What are non-negativity constraints ?
- c) What is dummy destination ?
- d) What are mutually exclusive events ?
- e) Define Poisson distribution.
- f) State the limitations of IRR.
- g) What is a critical activity ?
- h) Define crashing.
- i) What do you mean by Independent float ?
- j) What is EOQ ?
- k) What do you mean by Maxi-min criterion ?
- l) Distinguish between risk and uncertainty.

P.T.O.



SECTION - B

Answer any three of the following questions. Each question carries 5 marks. (3×5=15)

2. Explain the advantages and limitations of linear programming.
3. What is decision tree analysis ? What are its advantages and limitations ?
4. Explain the significance of theory of probability in decision making.
5. The annual demand for an item is 3200 units. The unit cost is Rs. 6 and inventory carrying charges 25% per annum. If the cost of one procurement is Rs. 150, determine :
 - i) Economic order quantity
 - ii) No. of orders per year
 - iii) Time between two consecutive orders, and
 - iv) The optimal cost.

6. Maximise $Z = 2x_1 + 5x_2$

Subject to :

$$x_1 + 4x_2 \leq 24$$

$$3x_1 + x_2 \leq 21$$

$$x_1 + x_2 \leq 9$$

$$x_1, x_2 \geq 0$$

Solve the problem graphically.

SECTION - C

Answer any three of the following questions. Each carries 5 marks. (3×5=15)

7. Discuss the advantages and disadvantages of simulation techniques.



8. The average selling price of houses in a city is Rs. 50,00,000 with a standard deviation of Rs. 10,00,000. Assuming the distribution of selling price to be normal, find :
- a) The percentage of houses that sell for more than Rs. 55,00,000.
 - b) The percentage of houses that sell between Rs. 45,00,000 and Rs. 60,00,000.
 - c) The percentage of houses that sell for more than Rs. 40,00,000.
9. The North West company is planning to manufacture a race cycle. The project is proposed with the below given activities :
- a) Construct the network and find critical path and duration.
 - b) Calculate total float, free float and independent float.

Activity	Predecessor	Time in weeks
A	NONE	4
B	NONE	3
C	NONE	3
D	C	2
E	A, B, D	1
F	A, B, D	2
G	E, F	3
H	A, B, D	3
I	H	5
J	G	2
K	G	4
L	I, J, K	2



PG – 781

**II Semester M.Com. Degree Examination, July/August 2013
(NS) (2007-08 Scheme)
COMMERCE**

2.2 : Advanced Financial Management

Time : 3 Hours

Max. Marks : 80

Instruction : Answer all the Sections.

SECTION – A

1. Answer any 10 of the following sub questions in about 3-4 lines each. Each sub question carries 2 marks. (10×2=20)

- a) What is capital structure ?
- b) What is meant by risk ?
- c) What do you mean by trading on equity ?
- d) What is WACC ?
- e) What is profitability Index ?
- f) What do you mean by simulation ?
- g) State any two assumptions of capital structure theories.
- h) What is IRR ?
- i) Define capital restructuring.
- j) Mention the difference between futures and forwards.
- k) What do you mean by Demerger ?
- l) What is leveraged buyout ?

P.T.O.

**SECTION – B**

Answer any three of the following questions and each question carries five marks.

(3×5=15)

2. How will a firm go about determining its 'optimal capital structure' ?
3. What are the critical factors to be observed while making capital budgeting decisions under capital rationing ?
4. What would the use of tree diagram be beneficial ? When would it be impossible to use them ?
5. How do you compare the risk factor of two capital projects with the help of standard deviation ?
6. What is the relationship between leverage and cost of capital according to NI and NOI approach ?

SECTION – C

Answer any three of the following questions and each question carries 15 marks.

(3×15=45)

7. What is capital budgeting ? Discuss its nature, importance and deficiencies of capital budgeting.
8. Write a note on :
 - a) Home made leverage
 - b) NI and NOI approaches
 - c) Arbitrage process
 - d) Reverse leverage
 - e) MM's thesis with corporate taxes.

11. State the steps involved in financial planning. What are the principles governing a financial plan?

Particulars	P	Q	R
Output (Units)	3,00,000	75,000	5,00,000
Fixed cost (Rs.)	3,50,000	7,00,000	75,000
Variable cost per unit (Rs.)	1.00	7.5	0.1
Interest Expenses (Rs.)	25,000	40,000	-
Selling price per unit (Rs.)	3.00	25.00	0.50

11. State the steps involved in financial planning. What are the principles governing a financial plan?