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Total Number of Pages: 02

Course: IMBA
Sub_Code: 16IMN601

6th Semester Regular/Back Examination: 2023-24

SUBJECT: FINANCIAL MANAGEMENT-II

BRANCH(S): IMBA

Time: 3 Hour

Max Marks: 100

Q.Code : P072

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 x 10)

- What is stock split? Why do companies resort to this practice?
- What are the constituents of working capital?
- What is optimum credit policy?
- What are the costs of maintaining receivables?
- What are the pitfalls of inadequate working capital?
- What is aging schedule of debtors?
- What are the reasons for holding inventories by a firm?
- What does the irrelevance approach of payment of dividend assume?
- How does a company finance a project internally?
- What are the two most important methods for pricing inventories? When do you use them?

Part-II

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

(6 x 8)

- The following information is available in respect of a company:
Equity capitalization is 15%, EPS is Rs. 25, Dividend payout ratio is 25% and ROI is 12%. What is the price of the share as per Walter Model?
- If the EPS is Rs. 5.00, dividend pay-out ratio is 50%, cost of equity is 20%, the growth rate in the ROI is 15%, what is the value of the stock as per Gordon's dividend equalization model?
- Discuss the techniques of inventory control.
- A company has an expected usage of 50,000 units of certain product during the next year. The cost of processing an order is Rs. 20 and the carrying costs per unit per annum is Rs. 0.50. Lead time for an order is 5 days and the company will keep a reserve of 2 days usage. Calculate the EOQ and Reorder point. Assume 250 days in a year.
- Explain the objectives of cash management.
- Discuss the Baumol model of determining optimum cash requirement of a firm.

- g) Explain in brief the various elements of operating cycle of working capital.
- h) A net 30 terms is allowed for a sale of Rs. 40,00,000. There are 20% of the customers who do not make payments in time. Find out the average collection period and the average size of receivables.
- i) Explain how price level changes affect the working capital need of a company.
- j) Critically analyse the MM hypothesis of payment of dividend policy.
- k) Explain the concept of Float.
- l) Explain in detail the credit policy variables.

Part-III

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

Q3 A company is currently allowing its customers, 30 days of credit. Its present Sales are Rs. 100 million. The firm's cost of capital is 10% and the ratio of variable cost to sales is 0.80. The company is considering extending its credit period to 60 days. Such an extension will increase the sales of the firm by Rs. 100 million. Bad debts on additional sales would be 8%. Tax rate is 30%. Assume 360 days in a year. (16)

Examine and suggest if the proposed extension of credit period is worth it.

Q4 Miraj Co Ltd. has forecast its sales for the 3 months as follows: (16)

October: Rs. 5 lakhs, November: Rs. 6 lakhs and December: Rs. 6.50 lakhs.

The goods are sold on cash and credit basis 50% each. Credit sales are realized in the month following the sale. Purchases amount 50% of the month's sales and are paid in the following month. Wages and administrative expenses per month amount to Rs. 1,50,000/- and Rs. 80, 000/- respectively and are paid in the following month. On 1st December, the company has purchased a testing equipment worth Rs. 20,000/- payable on 15th December. On 31st December, a cash deposit with a bank will mature for Rs. 1,50,000/-. The opening cash balance on 1st October is Rs. 1,00,000/-.

What are the closing balances in November and December?

Q5 Given K_e as 11% and, Eps as Rs. 10. Calculate the stock value of Mahindra Tech for (16)

(a) $r = 12\%$, (b) $r = 11\%$ and (c) $r = 10\%$ for various levels of DP ratios as given under using Gordon's Model:

A	10%
B	20%
C	30%
D	40%
E	50%

Q6 Write Notes on: (16)

- a. Working Capital determinants
- b. Motives for holding cash by a company

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Course: IMBA
Sub_Code: 16IMN602

6th Semester Regular/Back Examination: 2023-24

SUBJECT: Research Methods

BRANCH(S): IMBA

Time: 3 Hour

Max Marks: 100

Q.Code: P150

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 x 10)

- Define research.
- Discuss the four types of measurement scales used in research.
- What is hypothesis?
- Define the term "critical value" in statistics.
- Cite two examples each for open-ended and close ended questions.
- What are the various sources for secondary data in research?
- What is one-tailed and two-tailed test?
- Write two advantages of exploratory research.
- What is simple random sampling? Give examples.
- Why do we use charts and graphs in a research report?

Part-II

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

- Explain descriptive research. Why is it used? What is its limitation?
- Why is sampling done? Explain the difference between cluster sampling and snowball sampling.
- Differentiate between primary and secondary data. Which type of data do you think should be collected to understand consumer preferences? Why?
- A sample of 225 gym goers is found to have a mean weight of 67 kg. Can it be regarded as the sample from a large population with mean weight 65 kg and standard deviation 2.3 kg? Test at 5% level of significance. ($Z = 1.96$)
- Explain experimental research design. Give its advantages and disadvantages.
- In a random sample of 1000 persons from Rourkela, 400 were found to be consumers of Marie Gold Biscuits. In a random sample of 800 from Cuttack, 400 persons consumed Marie Gold. Do these data reveal significant difference between two Cities so far as proportion of Marie Gold consumers are concerned (Z -calculated = 1.96).

- g) The manufacturer of a battery claims that his batteries have a mean life of 25 months with a standard deviation of 5 months. A random sample of 6 batteries has following values.
Life of months: 24, 26, 30, 20, 20, 18
Can you test the producer's claim to be valid at 1% level of significance? (t-tabulated = 4.032)
- h) Explain the characteristics of good research.
- i) Discuss types of measurement scales used in research.
- j) What are the features of a good research report? Explain.
- k) Explain Factor Analysis and Multiple Regression Analysis as data analysis methods.
- l) What is normal distribution? What is its importance? Explain.

Part-III

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

- Q3** Below are the yields per acre of millets for six plots; three of the plots have sown Ragi and three with Bajra. (16)

Variety	Yields in field per acre		
	1	2	3
Ragi	30	32	22
Bajra	20	18	16

Set up a table of analysis of variance and calculate F . State whether the difference between the yields of two varieties of millets is significant taking 7.71 as the table value of F at 5% level for $v_1 = 1$ and $v_2 = 4$.

- Q4** Explain various types of Research. What is the importance of research in decision making? (16)

- Q5** Write short notes on: (4x4)
- Data collection in Qualitative research
 - Type I and Type II Errors
 - Parametric test
 - Data Visualization

- Q6** The manager of ZRoom Auto Sticker has to take a decision regarding how much of each magnetic sticker he should stock so that the demands of the customers are satisfied. There are four most popular stickers. The claim is that among the four most popular stickers, 62 per cent customers prefer blue flame, 58 percent Black Eyes, 12 per cent Magical Illusion, and 8 per cent Cartoon Character. A random sample of 200 customers produces the results as given below. At $\alpha = 0.05$ significance level, the test claims that the percentages given by the suppliers are correct. (16)

Flavor	Blue Flame	Black Eyes	Magical Illusion	Cartoon Character
Number Preferring	120	40	18	22

Chi-square tabulated (5 per cent) = 9.488

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Course:IMBA
Sub_Code:16IMN603

6th Semester Regular/Back Examination: 2023-24

SUBJECT: Operational Management-II

BRANCH(S): IMBA

Time: 3 Hour

Max Marks: 100

Q.Code: P242

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 x 10)

- Explain the benefits of Work study.
- What do you mean by two handed process chart?
- A machine drills hole in a pipe with a mean diameter of 0.532 cm and a standard deviation of 0.002 cm. Calculate the control limits for mean of five samples.
- What do you mean by process capability?
- Explain the term capacity cushion.
- What do you mean by single sampling plan?
- What do you mean by operating characteristic curve?
- Write two differences between CPM and PERT.
- What do you mean by Master production Schedule?
- What do you mean by system capacity? How to calculate it?

Part-II

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

(6 x 8)

- What are the factors influencing plant layout?
- What are the errors involved in selection of location? Explain.
- Discuss the steps to be taken in choosing a plant location.
- Explain the principles of plant layout.
- Calculate standard production per shift of 8 hours duration with the following data:
Observed time per unit=6 minutes, Rating factor=115%, Total allowance= 33.3%.
- What is aggregate planning? What are the costs associated in aggregate planning?
- What do you mean by capacity requirement planning? Describe the process of CRP.
- Discuss the role of MPS and MRP in resource requirement planning.
- What do you mean by project life cycle? Explain the stages of project life cycle.
- Briefly explain the role of Project Manager.
- What do you mean by SQC? Explain its advantages.
- Briefly discuss the steps in method study.

Part-III

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

- Q3** What are the factors affecting Plant Location and also explain any one location model with giving suitable example. (16)
- Q4** What do you mean by plant layout? Explain different types of plant layout with giving advantages and disadvantages. (16)
- Q5 a)** A job has been sub-divided into five elements. The time for each element and respective ratings are given below (8x2)

Element Number	Observed Time(min)	Rating Factor (%)
1	0.7	80
2	0.8	100
3	1.3	120
4	0.5	90
5	1.2	100

Calculate the normal time and standard time for each element and for the job if the allowance is 15%.

- b)** The following data gives the readings for 8 samples of size 6 each in the production of a certain product. Find the control limits using mean chart.

Sample	1	2	3	4	5	6
Mean	300	342	351	319	326	333
Range	25	37	20	28	20	22

Given $n=6$ $A_2=0.483$

- Q6** Consider the following data of a project: (16)

Activity	A	B	C	D	E	F	G	H
Predecessors	NIL	NIL	A	B	A	C,D	C,D,E	F
Optimistic time(Weeks)	1	2	6	1	1	1	1	2
Most Likely time(Weeks)	2	2	7	2	4	5	2	2
Pessimistic time(Weeks)	3	8	8	3	7	9	32	8

- Find out Project duration
- What is the probability of completing the project on or before 20 Weeks? [$z=1.542$]
- If the probability of completing the project is 0.8, Find the expected project completion time. [Z value=0.84]

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Course: IMBA
Sub Code: 16IMN604

6th Semester Regular / Back Examination: 2023-24

SUBJECT: Human Resource Management-II

BRANCH(S): IMBA

Time: 3 Hours

Max Marks: 100

Q.Code: P354

Answer Question No.1 (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 x 10)

- What is 3P compensation concept?
- What is the process of broad banding?
- How pay structure is determined?
- Are employee relations different from industrial relations?
- Define strike.
- What is the role of state in industrial relations?
- How productive bargaining helpful for both employer and employee?
- What are the causes of wage differentials?
- Write a short note on dynamic pay structure.
- What do you mean by closed shop union?

Part-II

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

(6 x 8)

- Explain the process and significance of job evaluation.
- Discuss the growing importance of corporate citizenship behaviour.
- What is psychological contract? How it is essential?
- Communication is the foremost process of all HR practices. Discuss.
- Discuss the emergence of trade unionism in India.
- Explain the significance of incentive based pay.
- How you develop an equitable compensation system.
- Discuss the pluralist approach to IR.
- Collective bargaining is a process of mutual gain. Comment.
- IR manager is in a strategic role now a days. Comment.
- How individual dispute different from industrial dispute?
- Discuss the factors causing industrial unrest.

Part-III

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

- Q3** What are the methods of job evaluation? Elucidate its importance and purposes. (16)
- Q4** Explain the determining role of trade unions in India? Discuss how are they recognized and function in industrial set up. (16)
- Q5** Elucidate workers' participation in management. How workers can significantly take part in decision making? (16)
- Q6** What is industrial dispute? Discuss the legal procedure of industrial dispute settlement in India? (16)

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Course: IMBA
Sub_Code:16IMN605

6th Semester Regular/Back Examination: 2023-24

SUBJECT: Business Ethics

BRANCH(S): IMBA

Time: 3 Hour

Max Marks: 100

Q.Code: P482

Answer Question No.1 (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 x 10)

- What is the role of business ethics in the society?
- What is morality? Why it is essential in business ethics?
- State two difference between ethical subjectivism and relativism. Give one example of each.
- What is the purpose of a code of ethics?
- State any four objectives of business ethics.
- State two purposes of advertising ethics.
- Why it is called whistle blowing? Give one example whistle blowing for employees.
- What do you mean by insider trading? Why is insider trading illegal?
- How corporate culture influencing business ethics?
- What are the ethics of monopolies?

Part-II

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

- "Deontology is an ethical theory that says actions are good or bad according to a clear set of rules". Explain the statement with respect to deontology theory.
- "Financial entities must uphold high standards of honesty and transparency in their dealings". Explain the statement with respect to ethics in finance.
- Explain the term normative ethics in management with suitable example.
- Elucidate Kohlberg's Theory of moral development.
- Discuss the characteristics of Business ethics.
- What do you mean by golden parachute? Discuss the ethical issues in golden parachute.
- Why unethical behavior does occur within organization from the utilitarianism's perspective?

- h) Why workplace ethics is essential? Explain some ethical issue with respect to workplace safety.
- i) What is ethical congruence? How to build ethical congruence? How ethical congruence differ from ethical conflict?
- j) The term "greenmail" stems from a combination of blackmail and greenback. Give your opinion to the statement.
- k) Discuss the role of ethics in training program organize by employer.
- l) Elaborate the process of ethical decision making with suitable examples.

Part-III

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

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|-----------|--|-------------|
| Q3 | Discuss the various ethical theories and their relationship with business. | (16) |
| Q4 | State the importance of business ethics. Explain how business ethics is considered as a management discipline. | (16) |
| Q5 | Why is the need of ethical decisions for managers? Enumerate the roots of unethical behavior in an organization. | (16) |
| Q6 | Discuss the ethical implications in the field of marketing. | (16) |