

**Exam Code: 105404**      **Paper Code: 4243**  
**(50)**

**Programme: Bachelor of Business Administration**  
**Semester-IV**

**Course Title: Financial Management**

**Course Code: BBRL-4323**

**Time Allowed: 3 Hours**

**Max Marks: 40**

**Note: Candidates are required to attempt five questions selecting one question from each section. The fifth question may be attempted from any section. Each question carries 8 marks.**

**Section- A**

1. What do you mean by capitalization? Explain various theories of capitalization along with its various types.
2. What do you mean by capital structure? Explain various theories of capital structure in detail.

**Section- B**

3. Define the concept of 'cost of capital'. Show how you would determine the cost of various sources of capital.

4. What are the main sources of finance available to company for meeting short term as well as long term financial requirements? Discuss.

### Section- C

5. The financial manager of company has to advice the Board of directors on choosing between the two project proposals which require an equal investment of Rs. 1,00,000 and are expected to generate cash flows as under:

Years	Project I	Project II
1	48,000	20,000
2	32,000	24,000
3	20,000	36,000
4	NIL	48,000
5	24,000	16,000
6	12,000	8,000

Which project should be recommended and why?  
Assume the cost of capital to be 10 %

p.a.

Present values:

Year	1	2	3	4	5	6
Factor	0.909	0.826	0.751	0.683	0.621	0.564

6. What are the factors that should be considered while deciding about dividend policy? Also explain various forms of dividend.

### Section- D

7. What is financial leverage? Illustrate various formulas of financial leverage and explain in detail.
8. Define the term working capital. Explain various approaches of working capital in detail.

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**Paper Code: 4244**

**Programme: Bachelor of Business Administration**  
**Semester-IV**

**Course Title: Production and Operations Management**

**Course Code: BBRL-4324**

**Time Allowed: 3 Hours**

**Max Marks: 40**

**Important Note: Attempt 5 questions each carry 8 marks. Attempt one question from each section. The fifth question may be attempted from any section.**

**Section-A**

1. Discuss the concept of production and operations management in detail. (8)
2. Discuss the concepts:
  - a) Network Analysis. (4)
  - b) Scheduling for manufacturing systems (4)

**Section- B**

3. Discuss various methods to improve productivity of a firm in detail. (8)

4. Explain various methods of measuring work study along with their pros and cons. (8)

**Section -C**

5. What do you mean by inventory management? How cost of inventory is calculated. Illustrate with imaginary figures. (8)
6. Explain the concepts:  
a) Lead time (2)  
b) Inventory control models (6)

**Section-D**

7. Explain concept and activities of supply chain management in detail. (8)
8. Explain the concepts:  
a) Statistical Quality Control (4)  
b) Logistics Management (4)

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**Paper Code: 4245**

**Programme Bachelor of Business Administration**  
**Semester-IV**

**Course Title: Business Environment**

**Course Code: BBRL-4325**

**Time Allowed: 3 Hours**

**Max Marks: 40**

**Attempt Five questions in all, selecting at least One question from each Section. The Fifth question may be attempted from any Section. All questions carry equal marks.**

**SECTION - A**

1. What is Business Environment? Explain the different factors of business environment. (8 Marks)
2. Discuss techniques of environmental analysis. Explain the role of business manager in analysis and diagnosis of environment. (8 Marks)

**SECTION - B**

3. Write short notes on:
  - a. SWOT Analysis
  - b. Environmental Scanning (2 X 4 = 8 Marks)

4. Explain Privatisation and Globalisation and its implications for India. (8 Marks)

**SECTION - C**

5. What are the main objectives of Economic Planning in India? Discuss the failures of planning in India. (8 Marks)
6. What do you mean by Business Ethics and Corporate Governance? Explain. (8 Marks)

**SECTION - D**

7. Write a short notes on:  
a. Fiscal Policy of India  
b. Salient features of FEMA (4 X 2 = 8 Marks)
8. What is Deficit Financing? Explain the role and limitations of deficit financing for promoting economic development of developing economy like India. (8 Marks)

Exam Code: 105404  
(50)

Paper Code: 4246

**Programme: Bachelor of Business Administration**  
**Semester-IV**

**Course Title: Operations Research**

**Course Code: BBRL-4326**

**Time Allowed: 3 Hours**

**Max Marks: 40**

**Note: Attempt five questions, selecting one question from each section. The Fifth question can be attempted from any section. Each question carries 8 marks.**

**SECTION-A**

I. What is Operations Research? Briefly explain the Significance and Methodology of Operations Research.

(2,3,3)

II. Solve the following LPP :

$$\text{Minimise } Z = 60 X_1 + 80 X_2$$

Subject to:

$$X_1 + X_2 = 500$$

$$X_1 \leq 400$$

$$X_2 \geq 200$$

$$\text{Where } x_1, x_2 \geq 0$$

(8)

**SECTION- B**

III. Solve the following transportation problem and test its optimality. (8)

To \ From	Project A	Project B	Project C	Plant Capacity
Plant W	4	8	8	56
Plant X	16	24	16	82
Plant Y	8	16	24	77
Project Requirements	72	102	41	215

IV. Solve the following travelling salesman problem so as to minimise the cost per cycle. (8)

From	A	B	C	D	E
A	-	3	6	2	3
B	3	-	5	2	3
C	6	5	-	6	4
D	2	2	6	-	6
E	3	3	4	6	-

**SECTION- C**

V. Write Short notes on:

- Meaning and Significance of Network Analysis
  - Probability of completing the Project by Scheduled Date
- (4,4)

VI. Characteristics of a Project Schedule are given below:

Activity		Activity times		
Tail event	Head event	Optimistic time (to)	Pessimistic time (tp)	Most Likely time (tm)
1	2	1	3	2
2	3	1	7	4
2	7	2	4	3
3	4	1	5	3
3	5	0	0	0
4	6	0	0	0
5	6	3	13	5
7	8	4	12	8
6	9	4	14	6
8	9	1	3	2

Determine:

- Earliest expected and latest times of each event.
- Draw a network and indicate the critical path on it.
- Compute various slacks and floats.
- What is the probability that the project will be completed
  - At least 4 weeks earlier than expected time.
  - No more than 4 weeks later than expected time.

(2,2,2,2)



SECTION-D

VII. Explain the Dominance Principle using the following example:

Firm B

	P	Q	R	S	
Firm A	A	35	65	25	05
B	30	20	15	00	
C	40	50	00	10	
D	55	60	10	15	

VIII. Write Short Notes on:

- a) Costs in Inventory Control
- b) Assumptions and Limitations of Game Theory

(4,4)

COE 2/6/24 (M) KMU - III

Exam Code: 105404  
(50)

Paper Code: 4247

Programme: Bachelor of Business Administration  
Semester-IV

Course Title: Fundamentals of Insurance

Course Code: BBRL-4327

Time Allowed: 3 Hours

Max Marks: 40

**Note:** Candidates are required to attempt five questions selecting one question from each section. The fifth question may be attempted from any section. Each question carries 8 marks.

**Section- A**

1. What is Insurance? Discuss the functions of Insurance in detail. Also discuss its importance.
2. "Insurance without insurable interest would be a mere wager and as such unenforceable in the eyes of law". Throw light on the principles of Insurance.

**Section- B**

3. What is Motor Insurance? Why it is important? Discuss various types of motor insurance policies?

4. What do you mean by Life Insurance? Discuss the various types of Life Insurance along with the advantages & disadvantages of Life Insurance?

**Section- C**

5. Discuss in detail the purpose and process of Underwriting.
6. What is Re-insurance? What is the difference between reinsurance and Double Insurance?

**Section- D**

7. What do you mean by marketing of Insurance? What are the various factors which affect the demand for insurance?
8. Write notes on:-
- (a) Loss Assessors and Surveyors
  - (b) Actuary.
  - (c) Third party administrator.