

JK Lakshmipat University Jaipur
INSTITUTE OF MANAGEMENT

End Term Examination, May 2024
B. Tech. (CSE), Semester IV, 2023-2024

Roll No.....

LS1109: MANAGING BUSINESS FUNCTIONS

Time: 2 hours

Max. Marks: 30

Instructions to students:

1. Do not write anything other than your roll number on the question paper.
2. Use of calculator (non-programmable) is allowed.

Q. 1 Match the options in Column 1 with the most appropriate options in the column 2 (Use the format **1 – A, 2- B** in your answer sheet to mention the answers).

Q.1.1 Quality related questions:

Column 1

Column 2

3.0
(LO3)

- | | |
|-------------------|------------------------------|
| 1. Pareto Chart | A. Brand |
| 2. Perception | B. Liability |
| 3. Reliability | C. Standards |
| 4. Durability | D. Proper function (time) |
| 5. Safety | E. Primary characteristics |
| 6. Responsiveness | F. Ease of resolution |
| 7. Conformance | G. Secondary characteristics |
| 8. Serviceability | H. 80-20 rule |
| 9. Performance | I. Life before replacement |

Q.1.2 Operations strategy related questions:

Column 1

Column 2

2.0
(LO3)

- | | |
|-------------------------------|---------------------------------------|
| 1. Inventory management | A. Cheaper |
| 2. Differentiation | B. Utilizing personnel and facilities |
| 3. Cost leadership | C. Ordering and holding decisions |
| 4. Maintenance | D. Engaging senses |
| 5. Scheduling | E. Reliable and stable process |
| 6. Experience differentiation | F. Unique |

Q. 2.1 Refer to Table below. Identify the best outsourcing provider among the given 4 options, by using the factor rating method.

3.0
(LO4)

Factor (Criterion)	Weights	ABC Rating	BIM Rating	S.P.C. Rating	TELCO Rating
Criterion 1	0.2	5	3	3	5
Criterion 2	0.2	4	4	3	3
Criterion 3	0.2	5	5	4	3
Criterion 4	0.1	5	4	5	2
Criterion 5	0.1	5	5	3	5
Criterion 6	0.1	4	4	2	4

Criterion 7	0.1	5	2	3	5

Q. 2.2 Explain why 'supply web' or 'supply network' is a more relevant term to denote a supply chain. 2.0 (LO1,4)

Q. 2.3 What are the major financial statements? What are the major components of all three accounts, and what purpose do they serve? 5.0 (LO3)

Q. 3 Gibson Production produces cast bronze valves for use in offshore oil platforms. Currently, Gibson produces 1600 valves per day. The 20 workers at Gibson work from 7 a.m. until 4 p.m., with 30 minutes off for lunch and a 15 minute during the morning work session and another in the afternoon work session. Gibson is in a competitive industry and needs to increase productivity to stay competitive. They feel that a 20% increase is needed.

Q. 3.1 Calculate the labour productivity for Gibson Production. 3.0 (LO4)

Q. 3.2 Calculate the labour productivity for the hypothetical 20% increase. 2.0 (LO4)

Q. 4 Given the balance sheet of Pearson Pvt. Ltd., utilize liquidity ratios, debt ratio, and debt to equity ratio to analyse the financial position of the firm and recommend necessary courses of action. 10.0 (LO4)

Liabilities and Equity	Amount	Assets	Amount
Common Stock	50,000	Cash and Cash Equivalents	50,000
Retained Earnings	1,40,000	Accounts Receivable	30,000
Accounts Payable	20,000	Inventory	40,000
Short-term Loans	60,000	Prepaid Expenses	5,000
Expenses overdue	5,000	Property, Plant, and Equipment	2,00,000
Long-term Loans	1,00,000	Intangible Assets	30,000
		Investments	20,000
Total	3,75,000	Total	3,75,000

all the best!