

**DEPARTMENT OF MANAGEMENT STUDIES**

**SEMESTER 2& 4 ATKT INTERNALS QUESTIONS:**

• **INDUSTRIAL LAW –**

**1101**

1. What is Gratuity? Under what circumstances gratuity is payable?
2. Define Closure and explain the rules of closure.
3. Retrenchment
4. Board of Conciliation
5. What do you understand by Nomination?

• **BUSINESS MATHEMATICS –**

**1005**

1	Solve the linear equations using Cramer's Rule $x + 2y + z = 0$ , $2x + y + z = 2$ , $4x - 3y - 3z = 20$												
2	Solve the linear equations using Cramer's Rule $2x + 3y + 2z = 5$ , $3x - 2y - z = 11$ , $4x + 6y + 8z = 20$												
3	Solve the Equation $\begin{vmatrix} 6 & 5 & 7 \\ 2 & 9 & 31 \\ 9 & 12 & 4X+1 \end{vmatrix} = 0$												
4	Using Newton's backward difference interpolation formula find the polynomial $f(x)$ whose graph passes through the points $(0,5)$ , $(1,4)$ , $(2,6)$ , $(3,8)$												
5	Find $f(70)$ using Newton's forward difference Interpolation formula <table border="1" style="margin-left: 20px;"><tr><td>x</td><td>19</td><td>39</td><td>59</td><td>79</td><td>99</td></tr><tr><td>F(x)</td><td>61</td><td>123</td><td>148</td><td>208</td><td>215</td></tr></table>	x	19	39	59	79	99	F(x)	61	123	148	208	215
x	19	39	59	79	99								
F(x)	61	123	148	208	215								

**1061**

1	Find $f(72)$ using Newton's forward difference Interpolation formula <table border="1" style="margin-left: 20px;"><tr><td>x</td><td>19</td><td>39</td><td>59</td><td>79</td><td>99</td></tr><tr><td>F(x)</td><td>41</td><td>103</td><td>168</td><td>218</td><td>235</td></tr></table>	x	19	39	59	79	99	F(x)	41	103	168	218	235
x	19	39	59	79	99								
F(x)	41	103	168	218	235								
2	<b>Solve the linear equations using Cramer's Rule</b> $2x + y + 2z = 5$ , $3x - y - z = 11$ , $4x + 7y + 8z = 20$												
3	<b>Solve the Equation</b> $\begin{vmatrix} 3 & 5 & 7 \\ 1 & 9 & 31 \\ 9 & 15 & 2X+1 \end{vmatrix} = 0$												
4	Using Newton's backward difference interpolation formula find the polynomial $f(x)$ whose graph passes through the points $(0,5)$ , $(1,4)$ , $(2,6)$												
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## 1101

1	Find $f(74)$ using Newton's forward difference Interpolation formula <table border="1"><tr><td>x</td><td>19</td><td>39</td><td>59</td><td>79</td><td>99</td></tr><tr><td>F(x)</td><td>41</td><td>103</td><td>168</td><td>218</td><td>235</td></tr></table>	x	19	39	59	79	99	F(x)	41	103	168	218	235
x	19	39	59	79	99								
F(x)	41	103	168	218	235								
2	Find $dy/dx$ where $y = (x^4+x-1)/(6x^4-8)$ .												
3	<b>Solve the Equation</b> $\begin{vmatrix} 2X & 1 & 1 \\ 1 & X & 1 \\ 1 & 1 & 3X \end{vmatrix} = 0$												
4	<b>Write down Minors and Cofactors of each element of the Matrix</b> $\begin{pmatrix} 0 & 1 & 2 \\ 1 & 2 & 6 \\ 3 & 5 & 1 \end{pmatrix}$												
5	<b>Solve the Equation</b> $\begin{vmatrix} 5 & 5 & 7 \\ 1 & 9 & 31 \\ 9 & 12 & 3X+1 \end{vmatrix} = 0$												

## 1115

1	Using properties of determinant solve the following equation $\begin{vmatrix} a+x & a-x & a-x \\ a-x & a+x & a-x \\ a-x & a-x & a+x \end{vmatrix} = 0$
2	Find $dy/dx$ where $y = (x^3+9x-1)/(x^4-27)$ .
3	<b>Solve the Equation</b> $\begin{vmatrix} 2X & 1 & 1 \\ 1 & X & 1 \\ 1 & 1 & 3X \end{vmatrix} = 0$
4	<b>Write down Minors and Cofactors of each element of the Matrix</b> $\begin{pmatrix} 0 & 1 & 2 \\ 1 & 4 & 6 \\ 3 & 5 & 5 \end{pmatrix}$
5	<b>Solve the Equation</b> $\begin{vmatrix} 3 & 5 & 7 \\ 7 & 9 & 31 \\ 9 & 15 & 4X+1 \end{vmatrix} = 0$

## 1144 (Isha)

1	Using properties of determinant solve the following equation $\begin{vmatrix} a+x & a-x & a-x \\ a-x & a+x & a-x \\ a+x & a-x & a+x \end{vmatrix} = 0$
2	Find $dy/dx$ where $y = (x^4+x-1)/(6x^4-8)$ .
3	<b>Solve the Equation</b> $\begin{vmatrix} 2X & 1 & 1 \\ 1 & X & 1 \\ 1 & 1 & 3X \end{vmatrix} = 0$

4	<p>Write down Minors and Cofactors of each element of the Matrix</p> $\begin{pmatrix} 0 & 1 & 6 \\ 1 & 2 & 6 \\ 3 & 5 & 1 \end{pmatrix}$
5	<p>Solve the Equation</p> $\begin{vmatrix} 3 & 5 & 6 \\ 1 & 9 & 31 \\ 9 & 15 & 2X+1 \end{vmatrix} = 0$

### 1164

1	<p>Using properties of determinant solve the following equation</p> $\begin{vmatrix} a+xa+x & a-x & \\ & a-x & a-xa-x \\ & a-x & a-xa-x \end{vmatrix} = 0$
2	<p>Find dy/dx where <math>y = (x^3+x-1)/(x^4-2)</math>.</p>
3	<p>Solve the linear equations using Cramer's Rule  <math>x + y + z = 0</math>, <math>2x + y + z = 2</math>, <math>4x - y - 3z = 20</math></p>
4	<p>Solve the Equation</p> $\begin{vmatrix} X & 1 & 1 \\ 1 & 2X & 1 \\ 1 & 1 & 5X \end{vmatrix} = 0$
5	<p>Write down Minors and Cofactors of each element of the Matrix</p> $\begin{pmatrix} 0 & 1 & 2 \\ 1 & 2 & 3 \\ 3 & 1 & 1 \end{pmatrix}$

### 1179

1	<p>Solve the Equation</p> $\begin{vmatrix} 4 & 9 & 7 \\ 1 & 5 & 31 \\ 9 & 15 & 4X+1 \end{vmatrix} = 0$
2	<p>Solve the linear equations using Cramer's Rule  <math>2x + y + z = 5</math>, <math>7x - y - 3z = 11</math>, <math>5x + 2y + 2z = 20</math></p>
3	<p>Solve the Equation</p> $\begin{vmatrix} 2X & 4 & 3 \\ 1 & X & 1 \\ 1 & 1 & 3X \end{vmatrix} = 0$
4	<p>Write down Minors and Cofactors of each element of the Matrix</p> $\begin{pmatrix} 0 & 1 & 2 \\ 2 & 4 & 6 \\ 2 & 7 & 1 \end{pmatrix}$
5	<p>Solve the Equation</p> $\begin{vmatrix} 3 & 3 & 7 \\ 1 & 7 & 31 \\ 9 & 12 & 2X+1 \end{vmatrix} = 0$

**SEMESTR IV**  
**I.T.IN BUSINESS MANAGEMENT-II**  
**ROLL NO.2025**

QUE 1	EXPLAIN THE FUNCTIONAL SUBSYSTEM OF MIS IN DETAIL.
QUE2	WHAT ARE THE ADVANTAGES OF e-CRM?
QUE 3	WRITE SHORT NOTE ON DATA MINING.
QUE4	DISCUSS ON e-SCM ARCHITECTURE WITH SUITABLE DIAGRAM.
QUE5	WRITE SHORT NOTE ON BPO BUSINESS MODEL.

**FOUNDATION COURSE**  
**ROLL NO 2025**

- 1 What are the advantages of Business ethics ?
- 2.What are the types of unethical Advertisement?.
- 3 What are the ethics of Finance Manager?
- 4.Explain Cadbury committee report.
- 5 What is the Scope of Corporate Social Reasonability?

**BUSINESS ECONOMICS II**  
**ROLL NO.2025**

1. Explain circular flow of national income in a three sector model.
2. Explain the concept of effective demand in detail.
3. Explain Ricardian theory of international trade.
4. Write a note on structure of union budget.
5. What are advantages and disadvantages of flexible exchange rate.

**BUSINESS RESEARCH METHODS**  
**ROLL NO.2025**

1. How can questionnaire be classified
2. What are the essentials of data interpretation
3. Explain the significance of processing data
4. What are the various types of research reports.
5. Significance of Z distribution.

## **SCM**

**ROLL NO.2149**

1. What are the key element in Strategic Cost Management?
2. Explain the types of Profit Center.
3. Explain any 5 Wastage to be eliminated.
4. Explain TQM
5. Stages of Life cycle Costing

## **SCM**

**ROLL NO.2104**

6. Explain Six sigma
7. Write a short note on BEP
8. Evaluation of Profit Centre and Investment Centre
9. Different aspects of Strategic Cost Management
10. Write a short note on Activity Based Management

## **PTQM**

**ROLL.NO.2025**

1. What are the factors to be considered at the time of designing plant layout?
2. Explain the function of inventory.
3. What is Plant Layout ? Explain the principles of a good layout ?
4. Explain Philip Crosby's philosophy and approach to Quality.
5. Write a notes on Inventory management.

## **FINANCIAL INSTITUTION AND MARKETS**

**ROLL NO 2104**

1. Describe Microfinance.
2. What is Foreign Exchange Market?
- 3 Explain Bill Discounting.
4. State Gilt Edged Market
5. What are Non Banking Financial Companies?