14606/4,600/KD/1274/TENS.

1. Attempt the following short answer type questions:

(a) Attempt Question

(b) Attempt Question

(c) Attempt Question

(d) Discuss the major characteristics of multinational corporations.

(e) What is ASSOCHAM? Briefly describe its role.

(f) Why valuesVALUE SYSTEM is important for any business?

(g) What is the role of marketing in business?

(h) What is the role of accounting in business?

2. Attempt any five questions. Question No. 1 is compulsory.

Maximum Marks: 80

Time: Three Hours
8. Compare and contrast the Sole Proprietorship, Co-operative, and Company and Unique features of Partnership.

(b) Dissolution of Partnership.

(a) Liasing Partnership.

Write notes on the following:

7. What is FICCI? Explain the major functions and roles played by FICCI in representing the Indian business interests in the domestic and international sectors.

6. Discuss major reasons why business is required to be more globally aware. The reasons can include growth of Indian economy, need to face international competition, etc.

5. Discuss the role of Multinational Corporations in the Indian economy.

4. What is a Partnership Deed? How is it signed?

3. Elaborate in detail the various procedures and rules which need to be complied for formation of a company.

2. Define the various types of Joint Stock Companies. Discuss major features of Business Ethics.

1. Explain the difference between Corporate Governance and Business Ethics.
1. Explain the following:

  (a) Compulsory Question

  Note: There are eight questions in all. Attempt any six questions in the paper. All questions carry equal marks.

  Paper: BBA-102

  BUSINESS ACCOUNTING

  14607

  Total Pages: 7
1. Define and discuss the following:

(a) Types of errors.
(b) Balance sheet as per Schedule III of Companies Act.
(c) Business started with cash.
(d) Cash withdrawals for personal use.
(e) Rent received.
(f) Cash sales (costing Rs. 10,000).
(g) Paid carriage.
(h) Sold goods to Parti Traders (costing Rs. 7,000).
(i) Purchased limiting from R.K. Primate.
(j) Purchased goods for cash.
(k) Business started with cash.

2. What is double entry system? Give the rules of debit and credit of various types of accounts with suitable examples.

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k)

3. Transactions of M/S Vijay Traders are given below:

- 3,000
- 2,000
- 1,200
- 100
- 1,000
- 500
- 1,250
### Adjustments:

(a) Interest on drawings @ 7.5% and interest on capital @ 5%.
(b) Machinery is depreciated at 5%.
(c) Interest on investment @ 6%.
(d) Unsold and rotten stock.
(e) Closing stock was Rs. 2,000.
(f) Charge 25% depreciation on furniture.
I. Write notes on the following:

1. Compulsory Question (Examiner's Choice)

Compulsory. All questions carry equal marks.

Note: Attempt five questions in all. Question No. 1 is

Total Marks: 80

Paper: BBA-103

MANAGERIAL ECONOMICS-I

14608

BBA/D-16
2. Explain the role of marginal and incremental analysis in managerial decision-making.

3. What is law of demand? Why demand curve slopes downward? Where are the exceptions of law of demand?

4. What are the properties of indifference curves? Explain consumer's equilibrium with the help of IC.

5. Differentiate between returns to factor and returns to scale.

6. What is cost? Discuss the various types of costs. Explain TC, AVC and MC with the help of table and diagram.

7. What are the causes of monopoly? Explain the price and output determination in monopoly situation of the market.
\[ x \neq x', \quad 0 = x + \sqrt[\lambda]{\lambda} + \sqrt[x]{x} \]

\[ \frac{z(x + 1)}{1} = \frac{\lambda p}{\lambda} \quad \text{Prove that} \quad \phi \quad \text{(a)} \]

\[ 6 - x = \frac{5 - x}{5} + \frac{4 - x}{4} \quad \text{(b)} \]

\[ \frac{z(x + 1)}{1} = \frac{\lambda p}{\lambda} \]

\[ \text{If } x \neq x', \quad 0 = x + \sqrt[\lambda]{\lambda} + \sqrt[x]{x} \quad \text{(a)} \]

Note: Attempt five questions in all. Question No. 8 is compulsory.

Maximum Marks: 80

Paper: BBA-104

BUSINESS MATHEMATICS - I

BBA/D-16

ROLL No. ...........................................

Total Pages: 7
8 \[
\frac{2x}{x-1} - \frac{x}{1+x} \xrightarrow{x \to 1} 3
\]
(b) Evaluate \( \lim_{x \to 1} \frac{2x}{x-1} - \frac{x}{1+x} \)

8 \[
b \iff (b \lor d) \lor (b \lor d)
\]
(a) Prove that

\[
6 = 2z - \lambda \xRightarrow{\lambda} 1.5, \quad 1 = 2 + \lambda + 2x \quad (b)
\]

\[
\begin{bmatrix}
2 & 2 & 1 \\
1 & 3 & 1 \\
1 & 2 & 2
\end{bmatrix} = A
\]

(d) Solve \( A \) for \( x \)

8 \[
6 = 2z - \lambda \xRightarrow{\lambda} 1.5, \quad 1 = 2 + \lambda + 2x \quad (b)
\]

Cramer's rule

\[
\frac{9}{x} - \frac{z}{x} \quad (x)\]

8 \[
6 = 2z - \lambda \xRightarrow{\lambda} 1.5, \quad 1 = 2 + \lambda + 2x \quad (b)
\]

\[
\begin{bmatrix}
2 & 2 & 1 \\
1 & 3 & 1 \\
1 & 2 & 2
\end{bmatrix} = A
\]

(a) Find the inverse of matrix \( A \)

8 \[
\frac{9}{x} - \frac{z}{x} \quad (x)\]

(b) Solve \( \frac{9}{x} - \frac{z}{x} = 6 \)

8 \[
6 = 2z - \lambda \xRightarrow{\lambda} 1.5, \quad 1 = 2 + \lambda + 2x \quad (b)
\]

\[
\frac{\frac{9}{x} - \frac{z}{x}}{\frac{6}{z}} \quad (x)
\]

(a) Prove that \( b + d = \frac{1 - xb}{b} + \frac{1 - xd}{d} \)

8 \[
6 = 2z - \lambda \xRightarrow{\lambda} 1.5, \quad 1 = 2 + \lambda + 2x \quad (b)
\]

\[
\frac{\frac{9}{x} - \frac{z}{x}}{\frac{6}{z}} \quad (x)
\]

(a) Prove that \( b + d = \frac{1 - xb}{b} + \frac{1 - xd}{d} \)

8 \[
6 = 2z - \lambda \xRightarrow{\lambda} 1.5, \quad 1 = 2 + \lambda + 2x \quad (b)
\]

\[
\frac{\frac{9}{x} - \frac{z}{x}}{\frac{6}{z}} \quad (x)
\]

(a) Prove that \( b + d = \frac{1 - xb}{b} + \frac{1 - xd}{d} \)

8 \[
6 = 2z - \lambda \xRightarrow{\lambda} 1.5, \quad 1 = 2 + \lambda + 2x \quad (b)
\]

\[
\frac{\frac{9}{x} - \frac{z}{x}}{\frac{6}{z}} \quad (x)
\]

(a) Prove that \( b + d = \frac{1 - xb}{b} + \frac{1 - xd}{d} \)

8 \[
6 = 2z - \lambda \xRightarrow{\lambda} 1.5, \quad 1 = 2 + \lambda + 2x \quad (b)
\]

\[
\frac{\frac{9}{x} - \frac{z}{x}}{\frac{6}{z}} \quad (x)
\]

(a) Prove that \( b + d = \frac{1 - xb}{b} + \frac{1 - xd}{d} \)
2. Find the coefficient of $x^3$ in the expansion of $(x + 3)^5$.

3. Solve $3x - 4 = 3$.

4. 

\[ \begin{bmatrix} 4 & 3 \\ 1 & 2 \end{bmatrix} = B, \begin{bmatrix} 4 & 3 \\ 1 & 2 \end{bmatrix} = A \]

5. Evaluate \( \lim_{x \to 0} \frac{1 + x}{1 + x^3} \).

6. 

\[ g(x) = \frac{xp}{\kappa} \] \[ x \] \[ \frac{2}{x - 1} \]

7. Prove that

\[ \frac{2}{x - \sqrt{1 - x + \sqrt{1 - x}}} \] \[ \frac{x}{\kappa} \] \[ \frac{\kappa}{\kappa} \] \[ \frac{2}{x} \]

8. Find the maximum value of $x^2 - 20x + 100$ on the interval $[0, 10]$.

9. Divide 14 into two parts such that their product is maximum.

10. Find all the following:

\[ b \iff (b \lor d \land \lnot (b \lor d)) \]
\[
\begin{bmatrix}
3 \\
4 \\
5 \\
1
\end{bmatrix} = B
\]

\[
\begin{bmatrix}
7 \\
4 \\
3 \\
1
\end{bmatrix} = A \
\]

\[B = A - V (\text{a})\]

\[\frac{3}{x} = 4 - x \implies \text{(i)}\]

\[
\frac{1 + x}{1 + x + x^2} \implies \text{(ii)}
\]

\[
\frac{c + 1}{x} = \frac{c}{p} \implies \text{(iii)}
\]

Find the value of \(\frac{d}{1} + \frac{c}{1}\) if \(a\) and \(b\) are roots of the equation \(a^2 + b^2 + c^2 = 0\).
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@
1. Describe the strengths of MS-PowerPoint software. Name any weaknesses of MS-PowerPoint software.

2. Sketch and describe the components of a digital computer as per their functionality. Also describe the important characteristics of computers.

3. Enumerate the functions of operating systems. Also give some examples of operating systems that you commonly use along with their characteristic features.

4. What are the essential features of Windows Operating System?

5. What is Internet? List the services provided by the Internet. What is Internet with a detailed description of E-mail and WWW.

6. How are tables created and formatted in MS-Word?

7. How do you create a spreadsheet in Excel? With the help of an application of your choice, explain what features of Excel you can use in its.

8. Describe the kind of presentation you will make. Name any equivalent binary, octal and hexadecimal numbers, Convert the decimal numbers 342 and 1245 to their equivalent binary, octal and hexadecimal numbers.

Note: Attempt five questions in all. Question No. 1 is compulsory.

Maximum Marks: 80

Time: Three Hours

Paper: BBA-106
COMPUTER FUNDAMENTALS

14611
BBA/D-16

ROLL NO. 2
TOTAL PAGES: 2
1. Answer the following:

(a) What do you mean by Non-profit Organization?
(b) Write two objectives of cooperative marketing societies.
(c) Organisational.
(d) Explain any three characteristics of company.
(e) What is Memorandum of Association?
(f) Write any three means of partnership?
(g) What does one on External Trade?

2. Describe the various kinds of partners in a partnership firm and discuss their rights and obligations.

3. Clarify the difference between cooperative organisation and


5. Define a private company. Where privileges and exemptions are enjoyed by a private company under the Indian companies

6. Explain the steps taken by promoters in the promotion of a

7. Write a detailed note on the changing role of public sector in

8. What are the benefits of entering into joint venture?

Compulsory Question (Allotted 10)

Time: Three Hours

Paper: BBA-101

BUSINESS ORGANISATION

2. 14612

Total Pages: 2

Roll No. 14612/3/800/KD/7/4
I. Write short notes on the following:

Compulsory Question (Allotted 40 marks)

All questions carry equal marks.

Note: Answer five questions in all Question No. 1 is compulsory.

[Maximum Marks: 80]

Time: Three Hours

PAPER-BBA-102

BUSINESS ACCOUNTING

14613

OBBA/D-16

Total Pages: 7

ROLL NO. ..........................................

PTO.
7. Pass journal entries to rectify the following errors:

8. Total of Sales Return Book was overstated by $200.

9. Sales Book was understated by $1,000.

10. Goods purchased from X for $5,000 was recorded in Sales.

11. An invoice for goods sold to X was overstated by $500.

12. No entry has been made for outstanding wages of $2,500.

13. Why is the trial balance prepared? Explain the errors which affect initial balance.

14. What do you mean by accounting equation? Giving atleast two examples prove that accounting equation holds good under all circumstances.

15. Define accounting. Which parties are interested in accounting information and why?
1. Adjustments:

```
<table>
<thead>
<tr>
<th>Date</th>
<th>Amount</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/30</td>
<td>20'000</td>
<td>Accumulated Depreciation</td>
</tr>
<tr>
<td>7/30</td>
<td>3'000</td>
<td>Commission received</td>
</tr>
<tr>
<td>9/30</td>
<td>2'900</td>
<td>Provision for bad debts</td>
</tr>
<tr>
<td>6/30</td>
<td>3'600</td>
<td>Interest on investments</td>
</tr>
<tr>
<td></td>
<td></td>
<td>General Expenses</td>
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<td>Rent</td>
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<td>Utilities</td>
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<td>Machinery</td>
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<td>Cash</td>
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<td>Sales Tax Paid</td>
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<td>Wages and salaries</td>
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<td>Drawings and Capital</td>
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<td>Purchases and Sales</td>
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<td>Rent Inwards and Outwards</td>
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<tr>
<td></td>
<td></td>
<td>Cash</td>
</tr>
</tbody>
</table>

Name of Account
```

2. From the following trial balance and adjustments prepare final accounts of MR. X as at 31st March 2015.

3. (d) Charge 10% per annum interest on drawings.
   (e) Depreciate building by 5% and machinery by 10%.
   (f) Provide 2% for discount on Debors and Creditors.
   (g) Write-off of 1500 as Bad Debors and creates a provision for doubtful debts @ 5% on Debors.

4. (h) Cash paid to Rami 400 was debited to the account of Rami 2,250 was wrongly passed through purchase book.
<table>
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<tr>
<th>D. &amp; C.</th>
<th>6.38'200</th>
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<td>32'200</td>
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<td>6'200</td>
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<td>4'500</td>
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<td></td>
<td>1'8000</td>
</tr>
<tr>
<td></td>
<td>3'6000</td>
</tr>
</tbody>
</table>

Rent is payable at the rate of £ 40 per month.
What do you mean by various types of returns to scale?

How does the equilibrium of a consumer be determined with the help of indifference curves?

Write a note on pricing under oligopoly.

Explain short-run and long-run cost curves.

Critically examine the law of equal marginal utility.

Define opportunity cost.

Answer all parts briefly.

Question

1. General knowledge

2. What do you understand by Marginal Economics? What is the scope and nature?

3. (a) [Note: Attempt in all questions in all Question No. 1 is compulsory. Maximum Marks: 80]

4. What is the relation of total and marginal revenue?

5. Define and draw individual demand.

6. What is the significance of selling costs?

7. What are the two types of cross elasticity of demand?

8. What is A.P.P.?
1. (a) Prove that $A - (B \cup (A - B)) = \emptyset$.

$$\frac{x}{3} = \frac{2 + x - 1}{4}$$

(b) Solve

$$(d \leftrightarrow b) \vee (b \leftrightarrow d) = b \leftrightarrow d$$

2. Find

$$\lim_{x \to -1} \frac{x^2 - 1}{x^2 + 1}$$
16

\[ \frac{2x}{x} + \frac{\lambda}{\lambda} = \frac{2x}{x} + \frac{2}{2} \]

\( x^2 + 4 \lambda + \lambda + 2x + 2 \lambda + x + 2x = 4 \lambda + \lambda + x + 4x \\
6x = 4 \lambda + \lambda + x + 4x \\
3x = 4 \lambda + \lambda + x + 4x \\
8 \lambda = 4 \lambda + \lambda + x + 4x \\

Hence find \( A^{-1} \).

5. For the matrix \( A = \begin{bmatrix} x & \lambda \\ \lambda & 1 \end{bmatrix} \)

Find the inverse of the matrix using Cramer's rule:

(a) \( x = 2 \lambda + 2x \)

(b) \( 2x = x + 2x + 2x + 2 \lambda + \lambda + x + 4x + 4x \\
6x = 4 \lambda + \lambda + x + 4x \\
3x = 4 \lambda + \lambda + x + 4x \\
8 \lambda = 4 \lambda + \lambda + x + 4x \\

\( (d \leftrightarrow b) \lor (b \leftrightarrow d) = b \leftrightarrow d \)
2 \frac{\partial y}{\partial p} + \frac{\partial f}{\partial x}\) and
\(x = y \) \(\forall x \geq \frac{1}{2}\) \(\forall y \geq 0\) \(\forall \alpha \geq 0\)

2 \text{ Find the value of } x \text{ and } y \text{ are roots of the equation } x^2 - 3x + 2 = 0.

2 \text{ If } a \text{ and } b \text{ are roots of the equation } x^2 - x + 1 = y.

2 \text{ If } a \text{ and } b \text{ are roots of the equation } x^2 - x + 1 = y.

2 \text{ Evaluate } \lim_{x \to \infty} \frac{1 - x}{1 - \frac{x}{y}}

2 \text{ Evaluate } \frac{6c^0 + 6c + 6c^2 + 6c^3 + 6c^4}{x}.

2 \text{ Evaluate } \frac{\partial y}{\partial p} = \frac{x^p}{\partial p}.

2 \text{ Solve } 2x^4 - 4 = \frac{3}{x}.

8 \text{ Attempt all the following:}

8 \text{ Compilatory Question (Drafted Value)}

8 \text{ \textit{Answer:}}
\[
\begin{align*}
\frac{\partial}{\partial t} \left( \frac{\partial^2}{\partial x^2} - \frac{\partial^2}{\partial y^2} \right) u &= \frac{\partial^2}{\partial x^2} v + \frac{\partial^2}{\partial y^2} v \\
\end{align*}
\]
see me.

the needful. Follow up action. Act of misconduct. Please

above mentioned. I agree. As directed. As proposed. Do

1. 

6. 

5. 

4. 

2. 

1. 

Maximum Marks: 80

Time: Three Hours

Paper-BBA-105

Hindi

14616

Total Pages: 2

Roll No.
1. Answer the following in short:

(a) (Computers Question) Explain void.

(b) What are the uses of animation features in MS-Power Application Software?

(c) Define Application Software. List the different types of MS-Word.

(d) Discuss the list of commands available in the menu bar:

(e) What is the difference between Date, Time and Time command?

(f) What do you understand by internal and external DOS system?

(g) What are the functions of a microprocessor in a computer?

Paper : BB4A-106
COMPUTER FUNDAMENTALS

OBBA/D-16

14617

Roll No. ........................................
Total Pages : 3
3. How is the role of Input and Output device in a Computer System? Discuss various Input and Output devices.

4. What is the role of Input and Output in a Computer System? Discuss various Input and Output devices.

5. What is a Computer? Discuss the historic evolution of computers. Explain various classifications of computers.

6. Write short notes on the following:
   (a) MS-PowerPoint
   (b) MS-Word
   (c) MS-Sheet
   (d) MS-Publisher
   (e) MS-Access

7. What are the uses of MS-PowerPoint?
   (a) MS-PowerPoint header and footer
   (b) MS-PowerPoint different types of view used in MS-PowerPoint

8. Write the different steps for inserting an image, sound and clip in a MS-PowerPoint presentation.
14618/6.800/RD/127/3 Trans.

(i) 1. (d) Fundamental Attribution Error

Compulsory Question

Note: Attempt all questions in all Questions No. 1 is compulsory.

1. Explain the concept of attribution.

Maximum Marks: 80

Time: Three Hours

Paper - BBA-201

UNDEEPSTANDINO HUMAN BEHAVIOUR

BBA/D.16

14618

Total Papers: 3
8. Write a detailed note on the following:

Define Perception and explain its meaning. What is object

9. Define Learning. What are the fundamental principles of

10. Which factors related to the learner can affect

11. Explain the following model of Motivation:

12. Explain the determinants of Personality. Which are the

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1. Explain the following in up to 100 words each:

(a) Plan the role of government in economic planning.

(b) Socialism

(c) Competition Act

(d) Professional education

(e) Share

(f) Concept of business environment

Note: All questions carry equal marks.

Time: Three Hours

Maximum Marks: 80
5. Differentiate between the following:

6. a) SWOT analysis
b) Environmental scanning

7. Describe the economic and political forces affecting business planning.

8. Do you think the provisions of MRTP ACT are still relevant for business to ensure healthy competition? If yes, describe how.

What is country risk? What are types of country risk? How can we control country risk in investment decisions?
1. Explain/answer the following parts in very short:
   (a) Applications of Statistics in Business.
   (b) Limitations of Statistics.
   (c) What is the need of Business forecasting?
   (d) Distinguish between Mean and Median.
   (e) Write down formulae of computing the following:
      (i) Mean
      (ii) Median
      (iii) Geometric mean.

Note: There are eight questions in this paper. All questions carry equal marks. Attempt five questions in all. Question No. 1 is compulsory.
5.
For a certain class of workers, numbering 700, hourly wages vary between Rs. 30 and 75. The wages of the workers, in the form of a frequency distribution and estimate the mean respectively. You are required to put the above information Rs. 47. The 40th and 65th percentile are Rs. 43 and 55 first quartile and median wages are respectively Rs. 40 and Rs. 50. Out of which 6% are earning between 70 and 75. The (R)
less than Rs. 35 while 13% are getting equal or more than vary between Rs. 30 and 75. 12% of the workers are earning more stable in value. Share $x$
price of 108 107 105 106 107 104 103 104 101
price of 55 54 52 33 56 52 50 31 49
share $y$
more stable in value. Standard deviation in prices of both and share which share is
from the pieces of $x$ and $y$ shares given below calculate.

6.

\[
\begin{aligned}
\text{Price of } x &:& 32, 52, 54, 56, 52, 71, 30, 51, 49 \\
\text{Price of } y &:& 15, 35, 53, 50, 45, 41, 40, 20, 42
\end{aligned}
\]

From the above data, compute the value of mean, median, and mode.
(b) Calculate the index number of prices for 2005 on the basis of 2000 from the data given below:

<table>
<thead>
<tr>
<th>2000 (Rs)</th>
<th>2005 (Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>03</td>
<td>02</td>
</tr>
<tr>
<td>15</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>50</td>
<td>25</td>
</tr>
<tr>
<td>40</td>
<td>40</td>
</tr>
<tr>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>20</td>
<td>20</td>
</tr>
</tbody>
</table>

8. (a) Show that, in general, Laspeyres' price index is greater than Paasche's. When would this not be so?
1. Composory Question (14 marks)

Describe the following:

- Uniform Costing
- Marginal Cost
- Flexible Budget
- Costing Methods
- Name of Radio Analyst
- Management Accounting

Note: Attempt five questions in all, including Question No. 1

Time: Three Hours
Maximum Marks: 80

Paper: BBA-204
MANAGEMENT ACCOUNTING

BBA/D-16

ROLL NO. .................................................

Total Pages: 4
2. Management accounting has been evolved to meet the needs of management. Explain.

3. Explain how cost accounting helps the management in periods of trade depression and competition.

4. What is Master Budget? How is it prepared? What are its advantages?

5. What is Target Costing? State its features and limitations.

6. Explain the features of Marginal Costing and its usefulness.

7. The standard cost of a chemical mixture is as under:

<table>
<thead>
<tr>
<th>Material</th>
<th>Standard Cost per Ton</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>$40</td>
</tr>
<tr>
<td>B</td>
<td>$60</td>
</tr>
</tbody>
</table>

8. Following are the ratios relating to the activities of ABC Ltd:

<table>
<thead>
<tr>
<th>Stock Velocity</th>
<th>Creditors' Velocity</th>
<th>Debtors' Velocity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 months</td>
<td>2 months</td>
<td>3 months</td>
</tr>
</tbody>
</table>

Cross Profit Ratio: 25%.

Payable to ≤ 10,000.
Opening Stock: Bills receivable amount is ≤ 25,000 and bills paid ≤ 4,000. Closing stock of the year is ≤ 10,000 above the Gross Profit for the year ended 31.3.2015 amounts to:

1. 12 tons of Material B at ≤ 60 per ton.
2. 8 tons of Material A at ≤ 40 per ton.
3. Standard yield is 90% of output.
4. Actual cost for a period is as under:

<table>
<thead>
<tr>
<th>Material</th>
<th>Actual Cost per Ton</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>$45</td>
</tr>
<tr>
<td>B</td>
<td>$75</td>
</tr>
</tbody>
</table>
8. Write note on the following:

(a) DML
(b) DDL
(c) DML-SQL
(d) DML-SQL-PL/1

9. Explain operations used in Oracle with example:

(a) SELECT
(b) GROUP BY
(c) HAVING

10. Write for each component, SOL for each component, SQL for each component, and DBMS for two commands.

6. What is SOL? Write its components. Write two commands.

5. Explain Major advantages of component in commands.

4. Explain Relational Model and Properties.

3. Explain 3 views of Physical Model and discuss working of

[14622/6 800 KD/451]

2. Define Database, its components and differentiate from

10

Traditional file system.

2. Define Physical Data Independence:

(c) Define Primary and Secondary Key:

(d) Name Two Dependencies used in 3 views

(b) Different data and information

DDL, SOL, DBMS, DML.

1. (a) Abbreviate

Compulsory Question (Fill and Correct)

Note: Attempt any four questions. Question No. 1 is compulsory.

Maximum Marks: 50

Paper: BBA-205

Fundamentals of DBMS and Oracle

14622

BBA/D.16

Roll No... Total Pages: 2
BUSINESS COMMUNICATION II

Time: Three Hours

Note: Attempt five questions in all. Question No. 1 is compulsory.

Maximum Marks: 80

1. Attempt any four of the following:
   (a) Oral Communication.
   (b) Public Speaking.
   (c) Negotiation.
   (d) Telephonic Conversation.
   (e) Organisation Communication.
   (f) Listening.

Compulsory Question (भर्ती प्रश्न)

(4 x 4 = 16)
6. Write a detailed note on mechanisms of writing.

7. Define the following:

8. (a) Report Presentation
(b) Business meeting and its types
(c) Business and academic reports
(d) Non-verbal communication

9. Define Business Writing. Also discuss Do's and Don't of business writing.

10. Define effective communication.

11. Elaborate various communication barriers and how can they be overcome.

12. Discuss various steps involved in communication process.

13. Importance of Business Communication? Discuss its nature and importance.
1. Discuss the following:

Compulsory Question (أجابتة وباللغة العربية):

(a) Proposal,
(b) Unpaid seller,
(c) Pretended agent,
(d) Lien,
(e) Doctrine of frustration,
(f) Contractual capacity of a minor.

Maximum Marks: 80

Time: Three Hours

Paper: BBA-301
BUSINESS LAW I

BBA/D-16

14624

Total Pages: 3

Roll No.

7. Define negotiable instruments. Also discuss the essentials of negotiable instruments.

6. (a) Explain the situations in which the buyer gets a better deal than seller.

5. Define an 'upheld seller'. Why are the different rights of an upheld seller?

4. Differentiate the following:

3. Explain when a consent is not said to be free.

2. Write a detailed note on agreement. Also discuss different types of agreement.
1. Write short notes on the following:

Compulsory Question (अनिवार्य सवाल)

Note: Attempt five questions in all. Q. No. 1 is compulsory. All questions carry equal marks.

Paper: BBA-0302

Principles of Retailing

BBA/D-16

Total Pages: 3
4. Discuss the principles of store design. What elements should be considered while designing the store?

5. What legal issues are involved in sourcing of merchandise?

6. Discuss in detail the process of merchandising planning in retail.

7. Discuss the importance of HR in retail. What decisions are taken related to human resource management in retail?

8. What is the need of technology in retail? Elaborate the case of two companies which succeeded with the usage of technology.
I. Write short notes on the following:

1. Compulsory Question (Answer any 5)

   (a) Commercial Bank
   (b) Universal Banking
   (c) Cash Credit Limit
   (d) Letter
   (e) Draft
   (f) Bank Mandate
   (g) Types of Bank Account

   Note: Attempt five questions in all Questions No. 1

   Maximum Marks: 80

   Paper: BBP-303
   PRINCIPLES OF BANKING

   BBA/D-16

   Roll No. 3

   Total Pages: 3
Describe the relationship between a bank and a customer in regard to a safe custody of accounts. Also mention the special services rendered by banks to customers.

6. What is the nature of relationship between a bank and a customer in regard to a safe custody of accounts? Also mention the special services rendered by banks to customers.

5. Explain the term 'collecting banker'. What are duties and responsibilities of collecting banker regarding collection of cheques?

4. What do you mean by Rural Banking? Explain various initiatives of government to promote rural banking. How does priority sector lending help the rural sector?

3. Describe the main provisions of Banking Regulation Act, 1949 of India.

2. Explain concepts classification, objectives and functions of banks.

1. Describe the following:
   (a) Mobile Banking
   (b) Retail Banking functions
   (c) E-Banking reforms in India
   (d) New currency notes
   (e) Cheque book

8. Describe the mechanism used for evaluating performance of banks. Also explain Input-Output in direct cash cards and debit cards.
1. Explain the following:

Compulsory Question (Attempts All)

All questions carry equal marks.
Note: Attempt five questions in all. Question No. 1 is compulsory.

Maximum Marks: 80

Paper: BBA-304
Fundamentals of E-Commerce

BBA/D-16
14627
6. Explain the process of working with digital signatures.

5. a) What is an ISP? What are the factors for selecting an ISP?
   b) Describe the financial EDI in detail.


3. Define firewall. Explain components of firewall. Also explain the limitations of the security protection provided by the firewall.

2. a) What is meant by intelligent agent? Why intelligent agents are required in e-commerce?
   b) Explain different controls involved in risk management.
1. (a) What is CR Form?
   (b) What is EPC Scheme?
   (c) What is Commercial Invoice?
   (d) What is CFR agent does in export business?
   (e) What is CRP in Exports?
   (f) What is AVEDA?

Compulsory Question (20 Marks)

Note: Attempt five questions in all. Question No. 1 is compulsory. All questions carry equal marks.

Time: Three Hours

Paper: BBA-305

14628

BBA/D-16

Roll No. ........................ Total Pages: 3
5. What is an export order? Which parties and acts involved
   (a) letter of credit
   (b) bill of lading

6. How regulatory and institutional infrastructure is pivotal to
   (a) bill of lading
   (b) Letter of Credit

7. Which risks are faced by exporters and importers while
   transacting international trade? Which measures may be
   implemented to manage those risks?

8. Which methods of payment are used by international traders in EX/M? Write in detail on any two methods.

9. What is the format and the applicability of:

   (a) Letter of Credit
   (b) Bill of Lading

2. Which steps are taken at registration and pre-shipment stage

3. What is available to international trader due to ADs?

4. Write about the benefits and the applicability of:

   (Pre-Shipment) and (Stage) or (Registration) and (Stage)
Write short notes on the following:

1. **Compository Question (חרטום לקט).**

   **Note:** Attempt five questions in all. Question No. 1 is compulsory.

**Paper:** BBA-306

**PRINCIPLES OF PRODUCTION MANAGEMENT**

**BBA/D-16**

**ROLL NO.** ..........................................

**TOTAL PAGES:** 3
7. Explain various statistical quality control techniques in production management.

6. What do you mean by Make or Buy decision? Under what circumstances is it essential to make a product?

5. What do you mean by Warehousing? Explain the factors which are considered for deciding location and layout of warehouses.

4. What is Inventory Control? Explain the Economic Order Quantity model of Inventory control.

3. What do you mean by Production Management? Explain various types of production processes and types of production.

2. Write notes on the following:

(a) Production Process
(b) ISO Certification
(c) Production Management
(d) Various statistical quality control techniques in production management.
UNIT I

1. What is Computer?
   (a) Explain the block diagram of Digital

2. What is Computer?
   (b) Explain the block diagram of Digital

3. Difference between the following:
   (c) Word processing
   (d) Number processing
   (e) Data processing
   (f) Arithmetical processing
   (g) Logical processing

4. Write short note on
   (a) Floating point representation of a
   (b) Memory
   (c) Difference between primary memory and secondary
   (d) Memory
   (e) CPU
   (f) When do you mean by Memory Addressing capability of

5. (a) What is the difference between keyboard and mouse?

   (Compulsory Question)

Questions carry equal marks.

Note: Attempt four questions in all. Select one question from each unit in addition to compulsory Question No. 1. All

Time: Three Hours

Maximum Marks: 80

2012/150/KD/503

Total Pages: 3
UNIT III

4. Write short notes on the following:
   (a) Joy Stick
   (b) Sound Card
   (c) OR
   (d) XGA
   (e) MINI COMPUTER
   (f) GENERAL PURPOSE COMPUTER & SPECIAL PURPOSE COMPUTER

5. Write short notes on the following:
   (a) Resolution
   (b) OCR
   (c) Printer
   (d) Line Printer
   (e) [4x4=16]

6. What is Magnetic Tape? Explain its advantages and disadvantages.

7. (a) Explain physical structure of floppy disk.
   (b) What is floppy disk?
   (c) What is its advantages?

8. Solve the following:
   (a) $2^{10} \times 2^{10} \times 2^{10}$
   (b) $2^{16} \times 2^{16}$
   (c) ABC.216
   (d) ABC.2\text{H}16

UNIT II

4. Write short notes on the following:
   (a) Weighed code
   (b) Self Complementing code
   (c) Sequential code
   (d) Grey code

3. Write short notes on the following:
   (a) [4x4=16]

2. CD-RW, Explain various optical discs such as CD, VCD, CD-R, CD-RW.

1. (a) What is ROM? Explain.
   (b) What is EPROM? Explain.

UNIT I

(4x4=16)
UNIT I

(4×4=16)

(d) What do you mean by Transition?

(e) What are the components of a Chart in MS-Excel?

(f) Explain the concepts of Bookmark in MS-Word.

(g) Explain functions of operating system.

(f) What about the following:

Computers Question

Each unit Question No. 1 is compulsory.

Note: Attempt five questions in all, selecting one question from each unit.

Maximum Marks: 80

Time: Three Hours

Paper: BVSD-12

2013

VSD/D-16

Total Pages: 3
UNIT-I

8. Explain with example concepts of Goal Seek.

9. What are the steps to be followed for adding sound in PowerPoint?

10. How will you insert a chart in your slide? Explain the procedure.

UNIT-II

6. Explain the following functions with examples in Excel.

7. Explain the concept of Absolute reference with example.

8. Explain the concept of Relative reference with example.

UNIT-III

6. What is Mail-merge? Explain its purpose using suitable example.

7. How are tables used? How will you print them in MS-Word?

8. What do you understand by page formatting? Explain.

4. Describe the text enhancements features of MS-Word.
UNIT I

1. Write notes on the following:

(a) What is thread?
(b) What are components of operating system?
(c) Difference between preemptive and non-preemptive scheduling.
(d) Define system call.
(e) What are the functions of I/O interface?
(f) What types of tasks are performed by operating system?
(g) What is device management?

2. Answer the following:

(a) Compute the question.
(b) Each unit question No. 1 is compulsory. All questions carry equal marks.
(c) Attempt all questions in all selected one question from Maximum Marks: 80

Time: Three Hours

Paper: BVB 13

OPERATING SYSTEM I

2014

ROLL NO. ...............................................

TOTAL PAGES: 3
UNIT-IV

7. Explain concept of Virtual Memory.

8. What is page frame and what is its solution?

UNIT-III

5. What is process and its states? Also explain process

6. Describe concept of DMA.

7. Shortest Job First Algorithm.

8. Priority Scheduling Algorithm.

UNIT-II

3. What is system program. Explain it with few examples.

4. Differentiate between single user and multi-user

5. Explain the following.

UNIT-IV

7. Explain concept of Virtual Memory.

8. What is page frame and what is its solution?

9. What is I/O Subsystem.
UNIT-I

1. Write a program to find transpose of a [M][N].
2. Discuss storage classes like AUTO, EXTERN using example.
3. Write a program to swap two variables.
4. Discuss parameter transfer using function. Explain concepts.
5. Reciprocal of a number using loops.
6. Discuss control structure in C and write a program to find
7. Discuss Structure and Nested Structure.
8. Write Notes on the following :
9. Write a program to SORT names using pointer.
10. Explain use of pointers in Dynamic Memory Allocation.

UNIT-II

1. Discuss Structure and Documentation.
2. Discuss definition and documentation language.
3. Differentiate High level Language and Low-level language.
4. Draw a flow chart to get sum of any 10 Numbers.
5. Define Algorithm and characteristics of good Algorithm.

UNIT-III

2. Draw a Flow chart for OR gate. (4x4=16)
3. Differentiate break and continue statement in C.
4. Differentiate compiler and interpreter.
5. Discuss variable and constants in C.

Computer Question

Write Question No. 1 is compulsory.

Note: Attempt any five questions. Select one question from each section. Maximum Marks: 80

Paper: B.S.D.-14

PROC. FUNDAMENTALS AND C

2015 VSD/D-16
UNIT-1

1. (a) What are the key features of RDBMS? Explain using SQL.

Compulsory Question

2. (b) Explain the concept of left join and natural join in relational algebra.

(d) Discuss PL/SQL security and PL/SQL database objects.

(c) Elaborate on various types of constraints in SQL.

UNIT-I

8
8

(a) Explain three schema architecture of database system.

(b) Discuss the architecture of a database system over

8

(c) Explain the help of a block diagram and discuss the sequence of events when a user accesses a record by means of

DBMS.
UNIT I

1. For import and export of data in SQL, explain various tools.

2. Why import/export of data is required? Explain various tools.

UNIT II

3. What is E-R Model? Explain various symbols used in E-R Model.

4. Why normalization is required in RDBMS? Explain INF, 2NF, 3NF, BCNF, 4NF and 5NF with anomalies and examples.

5. What is the purpose of Relational Algebra? Discuss various operations in Relational Algebra with examples.

6. Explain the concept of Cleanup, Releasing, Updating suitable examples.

UNIT III

7. Explain the following in SQL with examples:

(a) Duplicate and Unique Index
(b) Reverses Key
(c) Map Index
(d) Function based Index

8. Discuss the concept of data functions in SQL with suitable examples.
UNIT I

8. Write the algorithm of the following:

UNIT-II

7. Sort the following elements:

6. Write by using examples:

UNIT-III

5. Write the insertion algorithm of a doubly linked list.

4. What do you mean by stack? Write the algorithm of PUSH and POP operations of the stack.

UNIT-IV

9. Explain various methods of representation of Graph in memory.

Q.1

1. Describe the concept of data structures.

2. Give the short notes on Time-Space tradeoff.

3. Define data structure and write various data structure operations.

4. Write short notes on recursion.

5. Explain priority queue.

Q.2

6. What is the complexity of Merge sort.

7. What is the difference between linear and non-linear data structure.

8. Write the following in short:

COMPULSORY QUESTIONS

Note : Question No. 1 is compulsory. Attempt five questions in all, selecting one question from each unit. All questions carry equal marks.

Maximum Marks : 80

Time : Three Hours

Paper : BSD-32

DATA STRUCTURES

2017

VSD/D-16

Total Pages : 2

ROLL NO. :
UNIT II

16
5. Explain DFD using an Inventory control system as example.  

4. Explain Desig Fundamentals and Design Methodology.  

UNIT I

16
(b) Discuss Project Scenualine.  


2. Demerris.  

16

UNIT I

16
(d) Whar is BVA (Boundary Value Analysis)?  

(c) What is Beca-Tesling?  

(b) Draw Major boxes used in E-R Diagram.  

(a) Write Means of Waterfall Model.

I. Answer the following in short:  

Compulsory Question

Note: Attempt five questions in all. Select one question from each.  

Maximum Marks : 80  

TOTAL Time: Three Hours  

Paper: BVD. - 33  

SOFTWARE ENGINEERING  

2018  

VSD/D-16  

Total Pages: 2  

ROLL No. 
UNIT-IV

16
(6) Cause Effect Graphing.

7.
Explanation of White Box Testing.

6. (a) Discuss Structured Programming.

UNIT-III

16
(b) Equivalence class Testing.

9. Write notes on the following:

16
(c) Integration Testing.

16
(d) Alpha Testing.

16
(e) Beta Testing.

16
(f) Structured Testing.

6. (a) Software Maintenance.

16
(b) Structural Testing.
UNIT I
2. (a) How object oriented programming differs from procedural oriented programming? Explain.

UNIT I
2. (a) Scope Resolution Operator.
   (i) Static Data Member
   (ii) Derived
   (iii) Reusability
   (iv) Encapsulation
   (v) Generic Classes
   (vi) Processor Directives

(c) Define the following terms:
   (i) For class objects.
   (ii) Name the pointer which is implicitly available in C++
   (iii) Operators in C++
   (iv) What are the two different methods used to overload
   (v) compulsory questions

Equal marks.

Note: Attempt any four questions in all. Select one question from each.
Maximum Marks: 80

Paper: BVSU-34

OBJECT ORIENTED PROGRAMMING WITH C++
2019
VSD-16
Total Pages: 3
UNIT-III

6. Define Operator Overloading. What are the rules for overload operators?

7. Write a program in C++ to overload + and - operators over complex numbers using friend function.

8. While a program to overload * and / operators over complex classes.

UNIT-II

5. Explain the following using suitable examples:

(a) Dynamic Memory Allocation
(b) Role of Destructor
(c) Copy Constructor
(d) Parameterized Constructor

4. How input and output may be formatted in C++ ?

8. Explain the implementation of function template in C++.

13. Why Template function is called Generic functions in C++.

9. What are various types of exception in C++ and how they handled?

UNIT-I

16. Explain how constructors and destructors are used in C++.

7. Difference between associativity and inheritance.

10. Define the concept of class and object in C++. What are the different visibility modifiers available in class.

3. Data of Student (roll no, marx, name etc.)

6. Write a program in C++ which may read and display the