Write a note on Social Responsibility of Business.

Define Control. What are its features?

Discuss the process and importance of Communication.

can be removed.

Explain the obstacles in delegation of authority. How these

Define Organising. Discuss its various principles.

What is Planning? Explain the process of Planning.

Give the contribution of Taylor in the field of Management.

I. Compulsory Question (6 Marks)

II. Question 3 (6 Marks)

III. Question 4 (6 Marks)

IV. Question 5 (6 Marks)

V. Question 6 (6 Marks)

VI. Question 7 (6 Marks)

VII. Question 8 (6 Marks)

VIII. Question 9 (6 Marks)

Note: There are eight questions. In all, candidates are required to answer six questions. All questions carry equal marks.

Paper: BBA 108

PRINCIPLES OF MANAGEMENT

14288 BBA/M-17

Total Pages: 2

Roll No.: 2
I. Compulsory Question

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

Maximum Marks: 50

Time: Three Hours

Paper: BBA-109 (New)

ANALYSIS OF FINANCIAL STATEMENTS

14289

Total Pages: 5
Given the following information for Mother Ltd at the end of 1999. Determine Income Statement and Balance Sheet.

<table>
<thead>
<tr>
<th>Ratios</th>
<th>1998/99</th>
<th>1999/00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales</td>
<td>1,00,000</td>
<td></td>
</tr>
<tr>
<td>Gross Profit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net Profit</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% on Total Assets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Return on Investment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% on Net Profit</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Questions:
1. **What is a financial ratio and explain its objectives and limitations?**
2. **What do you mean by interpretation and analysis of financial ratios?**
3. **What are the limitations of such analysis?**
4. **Given the following information for Mother Ltd at the end of 1999. Determine Income Statement and Balance Sheet.**

#### Income Statement:
- **Sales:** Rs. 1,00,000
- **Cost of Goods Sold:** Rs. 50,000
- **Gross Profit:** Rs. 50,000
- **Net Profit:** Rs. 25,000

#### Balance Sheet:
- **Cash:** 2,50,000
- **Short Term Debt:** 50,000
- **Long Term Debt:**
- **Equity:**
- **Fixed Assets:**
- **Current Liabilities:**

#### Ratios:
- **Current Ratio:** 2.5
- **Quick Ratio:** 1.25
- **Profit Margin:** 5%
- **Gross Profit Margin:** 25%
- **Net Profit Margin:** 2.5%
- **Return on Net Profit:** 2%
- **Return on Capital Employed:** 2%
- **Return on Investment:** 2%
- **Current Ratio:** 2.5
- **Quick Ratio:** 2
- **Inventory Turnover Ratio:** 0.8
5. What is a Funds Flow Statement? Explain its importance and limitations.

6. Prepare a Cash Flow Statement from the following raw text:

- **Particulars**:

- **Details**:

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Profit</strong></td>
<td>10,000</td>
</tr>
<tr>
<td><strong>Capital Investment</strong></td>
<td>5,000</td>
</tr>
<tr>
<td><strong>Dividends Paid</strong></td>
<td>2,000</td>
</tr>
<tr>
<td><strong>Depreciation</strong></td>
<td>3,000</td>
</tr>
<tr>
<td><strong>Loan Repayment</strong></td>
<td>1,000</td>
</tr>
<tr>
<td><strong>Cash Inflow</strong></td>
<td>10,000</td>
</tr>
<tr>
<td><strong>Cash Outflow</strong></td>
<td>8,000</td>
</tr>
<tr>
<td><strong>Net Cash Flow</strong></td>
<td>2,000</td>
</tr>
</tbody>
</table>

**Balance Sheet**:

<table>
<thead>
<tr>
<th>Account</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assets</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Current Assets</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Fixed Assets</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td>20,000</td>
</tr>
<tr>
<td><strong>Liabilities</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Current Liabilities</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Long-term Liabilities</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>10,000</td>
</tr>
<tr>
<td><strong>Capital</strong></td>
<td>10,000</td>
</tr>
<tr>
<td><strong>Total Equity</strong></td>
<td>10,000</td>
</tr>
</tbody>
</table>

**Profit and Loss Account**:

<table>
<thead>
<tr>
<th>Account</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Revenue</strong></td>
<td>20,000</td>
</tr>
<tr>
<td><strong>Cost of Goods Sold</strong></td>
<td>10,000</td>
</tr>
<tr>
<td><strong>Expenses</strong></td>
<td>8,000</td>
</tr>
<tr>
<td><strong>Profit</strong></td>
<td>2,000</td>
</tr>
</tbody>
</table>

7. Distinguish between Funds Flow Statement and Cash Flow Statement. Discuss the objectives and limitations of each.

8. Explain the following:

- **Dividend** Rs. 1,200 paid on Rs. 10,000 share capital.
- **Nominal Value** Rs. 10 each.
- **Face Value** Rs. 5 each.
- **Issued at Par**.
- **Preference Share**.


10. Depreciation Rs. 1,700 were sold for Rs. 10,000.

- **Fixed Assets** cost Rs. 40,000 (accumulated depreciation Rs. 10,000).

- Place for cash.
1. Compulsory Question (Alternative What)

Explain briefly:

1) Instruments of Monetary Policy.
2) Marginal Efficiency of Capital.
3) Life Cycle Hypothesis in Consumption Propensity to Save (MPS).
4) Relationship between Multiplier and Marginal Income.
5) Value added Method for measurement of National Principle Components of Macro Economics.

Note: Attempt five questions in all. Question No. 1 is compulsory. All questions carry equal marks.
Maximum Marks: 80

Time: Three Hours

Paper: BBA-110

MANAGERIAL ECONOMICS-II

14290

BBM/M-17

Total Pages: 3

Roll No. 3

........................................

}
5. Explain the classical theory of interest rates. On what grounds Keynes criticized it?

4. What is investment? How is it important for a developing economy?

3. Discuss Keynesian Theory of Income and Employment.

2. Supply creates its own demand. Critically examine the statement.

1. The role which fiscal policy can play in promoting economic stability.

7. Discuss briefly the Demand pull and Cost push theories of inflation and bring out the points of differences between them.

6. What do you understand by consumption function? Explain its role in short run and long run consumption function.
I. Composatory Question (4 marks each)

Give a detailed explanation of the communication process. All questions carry equal marks.

Note: Attempt all questions in all question No. 1 is

Maximum Marks: 80

Time: Three Hours

Paper: BBA 1123/17

Roll No. 4

1423/4600/KD/16/76

8. Write an application for the post of Manager to the Director

(8×1=8)
1. (a) Please read out the letter 'voice.'
(b) She will play the bill (voice).
(c) He kept his promise (voice).

2. Correct the following as directed:

(a) Write anonymously:

(b) One must not go back on his words.
(c) Police is running after the heir.
(d) Everyone of us should do our work.
(e) The girl is my sister, who is cooking food.
(f) The students are quarreling with each other.
(g) I prefer taking them skiing.
(h) I section or ever go to the pictures.
(i) All his furniture are cheep.

3. Correct the following sentences:

4. Discuss different modes of communication.

5. Answer the following short answer questions on Grammar:

(a) Name the eight parts of speech.
(b) What do you mean by Definite article?
(c) Distinguish between Proper noun and Common noun.
(d) What do you mean by Helping verb?

6. Write Announcements:

(a) Announce the following events:

(b) Announce the following special event:

(8 x 2 = 16)
1. Explain the following terms in reference to Principles of Management in up to 1 page length each:

(a) Network Organization
(b) Strategic and Operational Control
(c) Leadership
(d) Management as Science
(e) Management as a Profession

2. Describe in detail any three control techniques.
3. What are the essentials of effective control system by giving their merits and demerits.

4. Explain any three techniques of performance appraisal.
Define recruitment and selection. Describe selection process.

What do you mean by span of management? Explain the

How can planning be made effective?

What are the essential features of a good plan?

How does long-term planning differ from short-term

Levels of management. List all skills needed for effective

Describe the functions performed by different

Management process is considered to consist of some

Stop and think for effective decision-making.

What is creative approach of decision-making? Suggest

they are really the nation builders.

make the selection process effective for school teachers as

process followed by the government. Give suggestions to

the aspirants candidates are not satisfied by the selection

used for section of school teachers in Hyrana. Why generally

6.

(a) Functional

(b) Process

(c) Matrix

Which do you mean by span of management?

Explain the

4.

2.

Do you think you can achieve the

4.

Distinguish between (a) Formal and informal organization

Distinguish between (a) Form and function organization

3.

1.
1. Write notes on the following:

(a) Funds
(b) Dividend
(c) Liquid Assets
(d) Working Capital
(e) Shareholders Funds
(f) Window Dressing

II. All questions carry equal marks.

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

Maximum Marks: 80

Time: Three Hours

(Please fill in the details for Paper and Roll No.)

PAPER: BBA-109
ANALYSIS OF FINANCIAL STATEMENTS

14296

OBAMA-17

Total Pages: 3
6. Define Social Accounting. Explain nature and importance

5. Ratio analysis is a widely used tool of financial analysis. Explain its limitations.


3. What is a cash-flow statement? How do you prepare it as per AS-3? (Revised). Show with example.

2. What are financial statements? Explain their nature and

1. What are the implications of the following?

2. 0.75

3. 0.80

4. 73 days

5. 20%

6. 2

7. Rs 4,000

8. 1.4

9. 2

10. Draw up a balance-sheet from the following details:

(ii) debt-equity ratio

(iii) Share capital is = 40% of the total capital

(iv) Schedule of change in working capital:

- permanent increase
- temporary increase
- decrease in current assets
- increase in current liabilities
- net increase in working capital

8. Explain the following:

- reserve and surplus in capital
- plants and properties in plant assets
- fixed assets to shareholders' net worth
- debtors turnover ratio
- gross profit ratio
- fixed assets to turnover ratio
- stock turnover ratio
- fixed capital to net worth ratio
- working capital balance sheet
- current ratio
- acid test ratio

9. Explain the importance of:

- inventories
- receivables
- payables

10. Explain the case where you think the standard costing method is advantageous.

11. Explain the limitations of standard costing method.
1. Compulsory Question (All questions carry equal marks)

I. Explain the following concepts:

- Group norm
- Groupthink
- Social learning
- Interpersonal awareness
- Group synergy
- Group obedience and group performance

Note: Attempt five questions in all; however, Question No. 1 is compulsory. All questions carry equal marks. Time: Three Hours

Paper: BBA-208

Human Behaviour at Work

14301

Total Pages: 3

Roll No. ...................

7. What is Interpersonal communication? Suggest some measures to improve Interpersonal communication.

8. Define Team. Explain factors affecting the success of Team.

5. Write notes on the following:

(a) Competence and Co-operation
(b) Career role and Identity

4. What is the relevance of Interpersonal communication in Group conformity?

3. What do you understand by the term conformity? Discuss how situational factors influence an individual's response to conformity.

2. Define Group, and explain the role of Group development.
I. Explain all the following:

(a) Level of Significance
(b) Poisson Distribution
(c) Mutually Exclusive Events
(d) Seasonal Variation
(e) Multiple Regression
(f) Probable Error

II. Comprehension Question ( английском языке)

(a) Assume mean height of soldier to be 68 inches with a standard deviation of 0.4 inches. How many soldiers in a regiment of 1000 would you expect to be over six feet tall?

(b) The table value of \( Z = 1.5 \) is 0.4322

In first 700 hours:

(a) The municipal corporation of a city installed 2000 buses.
6. Explain the properties of Binomial distribution. What is its relationship with Normal distribution? What is its use in the field of risk?

(a) only one of them will be selected,
(b) both of them will be rejected,
(c) both of them will be selected,

Then:

\[ P(1/2) = \frac{1}{2} \]

\[ P(1) = \frac{1}{2} \]

\[ P(2) = \frac{1}{2} \]

A husband and wife appear in an interview for two vacancies.

5. Find Correlation coefficient of the following data:

\[
\begin{array}{ccc|ccc|ccc}
\hline
X & 30 & 35 & 40 & 45 & 50 & 55 & 60 & 65 & 70 \\
Y & 12 & 18 & 15 & 18 & 18 & 12 & 10 & 17 & 16 \\
\hline
\end{array}
\]

(a) \[ \rho = \frac{1}{n} \sum_{i=1}^{n} (x_i - \bar{x})(y_i - \bar{y}) \\
(b) \rho = \frac{1}{n} \sum_{i=1}^{n} x_i y_i - \frac{1}{n^2} \left( \sum_{i=1}^{n} x_i \right) \left( \sum_{i=1}^{n} y_i \right) \\
(c) \rho = \frac{1}{n} \sum_{i=1}^{n} x_i y_i - \frac{1}{n} \sum_{i=1}^{n} x_i \sum_{i=1}^{n} y_i \\
\]

\[ \text{Average Period} \]

Also calculate the trend values by taking 4-year moving

Sales: 33 79 76 69 69 87 79 95 104

\[ \text{Time Series (Sales in Rs.)} = \] \[ ]

Calculate the trend values by the Graphic method for the following

\[ X \]

\[ N = 10 \]

\[ X = 15, 20 = 110, 30 = 400, 40 = 250, 50 = 3200 \]

\[ L \]

(b) Standard Error of Estimate \( S_x \)

(c) Compute the regression equation of \( y \) on \( x \)

\[ X \]

\[ N = 10 \]

\[ X = 15, 20 = 110, 30 = 400, 40 = 250, 50 = 3200 \]

\[ X \]

Given that:

\[ X \]

\[ Y \]

\[ X \]

\[ Y \]

\[ X \]

\[ Y \]

\[ X \]
(d) Components of Promotion Mix.

(e) Demand Shares and Marketing Taks.

(f) Product Levels.

Explain the following:

1. Compulsory Question

Note: Attempt all questions from all questions. No. 1 is Compulsory.

Maximum Marks: 80

Time: Three Hours
5. Discuss the concept of price mix. Explain the procedure.

4. Discuss the concept of new product development. Discuss various stages of new product development process.

3. What are the bases of effective segmentation? Discuss relevant examples.

2. Explain the various stages of buying decision process with relevant examples.

1. Sells promotion and its advantages.
I. Answer the following questions in short:

Compulsory Question (10 marks)

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

Paper: BBA-213

Principles of Material Management

Roll No. 17

Total Pages: 3
I. Explain the following:

Compulsory Question (40 marks)

Note: Attempt five questions including Question No. 1, which is compulsory. All questions carry equal marks.

Paper: BBA-308
Entrepreneurship Development

BBA/M-17

Total Pages: 3
5. Explain the following:

(i) Business environment factors which affect the success of a new venture in detail.

(ii) Various stages regarding establishment of a new business.

6. Write a detailed note on the working capital requirements for a project.

7. What is Entrepreneurship Development Programme? Explain the objectives and importance.

8. Explain the role of various financial institutions of the country with special context to financing of small scale business.

4. What do you mean by business environment? Explain the environment in detail.

2. What do you understand by the term Entrepreneur? Explain
Company: Explain)

(c) The Memorandum of Association is Charter of a

What do you mean by Promoters?

(a) Company is a separate legal entity. Explain.

Write short answers to the following questions:

1. Compulsory Question

Note: Attempt five questions including Question No. 1 which is

Maximum Marks: 80

Time: Three Hours

Paper: BBA-309

BUSINESS LAW II

BBA/M-17

ROL NO. ...........................................

Total Pages: 3
1. What do you mean by Debentures? What are its various kinds?

2. What kinds of company can be formed under Indian Companies Act?

3. Define the term 'Winding-up' in relation to a company. When does compulsory winding-up of a company commence?

4. What is the significance of Articles of Association? State its characteristics, importance, and contents.

5. Explain the powers and duties of a Company Director.


7. What is the object of forming a company? What is the Board of Directors of a company?

8. What is the role of building a company?

(f) Corporate Debentures.

(g) Winding-up, winding-up and liquidation

(h) Write any four differences between Preference Shares and Equity Shares.

(i) Explain the different forms of share capital.
1. Compulsory Question (At least 20 marks)

(a) Briefly state the two basic principles of insurance.

(b) What is the meaning of indemnity?

(c) Write down the essential features of insurance.

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

Maximum Marks: 80

Time: Three Hours

Paper: BBA-311

PRINCIPLES OF INSURANCE

BBA/M-17

Roll No. ...........................................

Total Pages: 3
6. Explain the position, qualifications, and functions of an insurance agent.

5. Explain the working and performance of General Insurance Corporation of India.

4. What are the roles, objectives, and functions of IRDA?

3. Explain the various types of life insurance policies.

2. What are the various functions of insurance? Write in detail.
I. Compulsory Question (All questions are compulsory)

Explain the following (No more than half page each):

(a) Tropic Level

(b) IUCN

(c) Green Marketing

(d) Biochemical Components

(e) Terrestrial Ecosystem

(f) Water Pollution

(g) Biological Diversity

(h) Food Chain

Note: Attempt five questions in all. Question No. one is compulsory. All questions carry equal marks. Attempt all parts together of a question.

Maximum Marks: 80

Time: Three Hours

Paper-BBA-314

ENVIRONMENT MANAGEMENT

BBA/AL-17

Roll No. 

Total Pages: 3
8. Write brief notes on the following:

ISO 14001 in environmental management.

7. Explain the role of ISO 14001 in environmental management.


5. Define Environment and briefly explain the various steps of environment audit.

4. Write brief notes on the following:

(a) Kilo Protocol
(b) Protocol Protocol
(c) Kilo Protocol
(d) Protocol Protocol

3. Define Global Warming. When are the positive and negative impacts of global warming on ecosystems explained in detail.

2. Define an ecosystem. Explain with examples how abiotic and biotic components of an ecosystem are interlinked.

1. (a) (b) (c) (d) (e)
1. Answer the following in short:

**Compulsory Question ( Attempt any 3)**

2. 

e) Debiture Trustees.

d) Reconvene.

c) Leaseing.

b) CRISIL.

(a) Cash Credit Card.

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

**Maximum Marks:** 80

PAPER: BBA-312

INTRODUCTION TO FINANCIAL SERVICES

BBA/M-17

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

TOTAL PAGES: 3
6. What is underwriting? Discuss the types and functions of underwriters.

5. Explain the following:
   (a) Stock Broking
   (b) Consumer Finance
   (c) Portfolio Management

4. Define Merchant Banking. Discuss the activities of merchant banking.

3. Differentiate between Financial and Operational leases. Explain the advantages of leasing.

2. Write notes on the following:
   (a) SEBI
   (b) Registrar of Companies
   (c) Check Raising

1. Define Mutual Funds. Discuss the advantages and disadvantages of Mutual Funds.

8. What is the difference between banks and other financial institutions? Explain.

7. Write notes on the following:
   (a) Types of banks
   (b) Types of financial institutions

6. What is underwriting? Discuss the types and functions of underwriters.

5. Explain the following:
   (a) Stock Broking
   (b) Consumer Finance
   (c) Portfolio Management
Discuss the concern areas pertaining to employee's orientation to customer relations and the strategies to address the same.
Write detailed notes on the following:

UNIT-IV (BPO-III)

Discuss the role and implementations of technology in context of CRM in BPO sector.

UNIT-III (BPO-II)

Discuss the evolution of CRM and various phases of customer relationship in detail.

UNIT-II (BPO-I)

Why is it important to measure customer satisfaction?

UNIT-I (BPO)
I. Explain the following:

1. Compulsory Question

(10 marks)

Explain the following:

(a) Difference between Domestic and International HRM.
(b) Importance of Job Design.
(c) Objectives of Human Resource Planning.
(d) Management by Objectives.
(e) Human Resource Development.

2. Difference between Human Resource Management and

HRM.
UNIT I-IV

What is performance appraisal? Explain traditional methods of calculating the performance.

(4+11=15)

UNIT II

Describe the various sources of recruitment with their merits and demerits.

(4+6+5=15)

UNIT III

Give meaning and objectives of induction. Write a definition of promotion. What is promotion? Write the objectives and bases of promotion.

(4+4+7=15)

UNIT IV

What do you mean by Human Resource Management?

(3x5=15)
18545/30/KD/1382/Tans.

1. (a) List any ten applications of EDI.
   (b) Discuss the disadvantages of EDI.
   (c) Write the advantages of EDI.
   (d) Define the term Website.
   (e) Explain Web search engine.

2. Write the steps followed for connection in dial up Internet connection.

3. (a) Explain the term Network.
   (b) Explain the term Internet.

4. (a) What do you mean by Internet?

Compulsory Question (30 Marks)

I. All questions carry equal marks.

IV. All questions carry equal marks.

V. Questions selected are question each from Unit I to Unit IV.

Note: Question No. 1 is compulsory. Attempt four more questions. Maximum Marks: 80

Time: Three Hours

Paper: BBP-0203

INTRODUCTION TO INTERNET

VPOM-17

18545

Roll No. ..............................................................
Total Pages: 3
UNIT I

1. What do you mean by Internet marketing? Discuss how it is different from general marketing.

2. TCP/IP and its layers of Internet. Explain the various uses of all layers of TCP/IP.

3. Discuss the architecture of client server network. List any alternative methods used for searching.

UNIT II

4. Discuss various features of Google search engine and various

UNIT III

5. Explain the terms ISDN and ADSL.

6. Difference between Internet, Intranet and Extranet.

7. Explain the terms HTTP, NewsGroup, Voluntary.

8. When do you mean by Internet marketing? Discuss various forms of EDI.

9. When do you mean by EDI? Discuss various forms of EDI.
Turn over

8
8. When are various operations that can be performed on a

structure:

D. Difference between a tree and an acyclic graph directory

Unit-1 (Page 1)

4. Write a short note on Unix Kernel.

5. When is rollback? What is its importance?

6. Is nesting of critical sections possible in the system?

1. Discuss relative file access.

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

Time allowed: 3 hours

Maximum marks: 80

Paper-BVSD-21
OPERATING SYSTEMS-II
BVSD/M-17

Printed Pages: 4
Roll No.
UNIT II

UNIT III (COIT 338-III)

What is Semaphore? Discuss various types of semaphore.

Describe the various necessary conditions for a deadlock.

What are the characteristics of a protocol for having a system?

Explain inter-process communication. When are the various issues while designing message passing?

UNIT IV (COM-411)

Explain various types of the allocation methods.

When is a file? Discuss regular directory and special.

Explain Readers-Writers problem along with its solution.
Unit I

1. Design a webpage using HTML. Explain the use of HTML.

2. Design a webpage with help of CSS. How to create a webpage?

3. Design a webpage with use of JavaScript. How to create a webpage?

4. Explain different kinds of cascading style sheets. Define properties.

Unit II

1. Explain with help of image.


Unit III

1. Design a webpage using HTML. Explain the use of HTML.

2. Design a webpage with help of CSS. How to create a webpage?

3. Design a webpage with help of JavaScript. How to create a webpage?

4. Explain different kinds of cascading style sheets. Define properties.

Computer Question

Note: Attempt five questions from each unit. All questions have equal marks.

Total marks: 80

Duration: 3 hours
Name one application for which you make use of the Internet.

What is the purpose of HTTP in the Internet?

What is the purpose of Network Interface Card?

Describe one framing technique.

What do you mean by bandwidth of a channel?

Describe the applications of Twisted Pair cables.

Enumerate the applications of Twisted Pair cables.

Describe any one Feature of X.25 Reference model.

List the functions of the data link layer of OSI model.

Answer the following questions in brief:

Compulsory Question

Note: All questions carry equal marks.

Your mark will be deducted if you attempt any question in all Question No. 1 as compulsory in addition to compulsory question attempts. In addition to compulsory question attempts, you must attempt five questions in all Question No. 1 as compulsory.

Maximum marks: 80

Time allowed: 3 hours
discuss the history and development of the internet.

8. Discuss the history and development of the internet.

7. Bring out a distinction between virtual local area network and wireless LANs and give an overview of the wireless LAN/PAN networks.


5. Identify the importance of the following in computer networks: • Throughput • Machine size • Cost

4. Specify the characteristics of various wireless transmission application. How does data transmission take place through optical fibers? What are the benefits of various wireless transmission technologies, and connection-less service. Connection-oriented and connection-less service.

3. Design issues. On the basis of transmission technologies, topologies and

2. Distirnsh between local area and wide area networks.

1. What is wide web? What is the role of web browsers and search engines? What is world wide web? What are its benefits? Which the internet can be used.
1. Write note on the following:

Computer Question

Questions carry equal marks. Questions selecting one question from each unit. All questions are required to attempt five questions in all. Maximum marks: 80

Time allowed: 3 hours
1. Immediate update and deferred update recovery techniques.

8. What do you mean by multimedia databases? Why are his


10. Shared-nothing DB.

8. Explain the following:

Unit I

8 + 8 = 16

8. Draw a neat sketch of Client-Server architecture and explain

7. Useful concepts in distributed database concept?

8. What is a fragment of a relation? Why is fragmentation a

Instances:

6. What is an instance? How does the system generate

Unit III

(3)

(2)
(a) Discuss apply internet programming.
(b) Write a note on Java apply the cycle.
(c) Write a Java program to illustrate the use of switch.

Unit 1

8x2=16

What are interfaces?
Define abstract class.

8x2=16

What are different from applications?
Why Java is called a platform independent language?

8x2=16

What is the need of Garbage Collection? How it is achieved in Java?

8x2=16

Difference between object and a class.

Note: Students will be required to attempt five questions in all.

Maximum marks: 80

Time allowed: 3 hours

PAPER-BVSD-43
JAVA PROGRAMMING
BVSD / M-17
Printed Pages: 2
3. Explain various data types available in VB along with

Unit-II

from layout window.

What are the various features of Visual Basic 2.

or

Explain various IDE with its elements in detail. 16

Unit-I

What is a web-enabled application?

(ii) Define menu.

(iii) Name any four form properties.

(iv) Define function with example.

(v) Define constant.

(vi) Define Visual Basic toolbox.

5. What do you mean by ActiveX control?

6. Explain pop-up menu within VB.

8. Explain the concept of working with multiple forms.

or

8. How to create menus using menu editor in VB ?

4. (a) What is a form ? Explain some properties of

Unit-III

Write a program to find transpose of a matrix.

and remove items in a collection.

Define the term „collection”, „explain how to create

or

(2)
(4) Add the appropriate tag to the following:

- of the food was wasted

- party

- as they were ill they could come to the

- This cloth is different from the other one.

- It is two warm today.

- The teacher was very interested.

(b) Insert no, not or none in the blank spaces:

- Some women are afraid

- Which hand do you write?

- I gave the book to my sister.

- presents

- Christmas day we give each other

(a) Fill in the blanks with correct propositions:

- I do as directed. Attempt all questions:

Notes: Attempt all questions

Maximum marks: 50
Translate the following passage into English:

In a change for study, should give energy, not exhaust it.

The body, while mental peace is possible, ensure exercise.

Violent exercise, which end in nervous breakdown. Violent exercise, which

Which mind to work is likely to lead to inefficient results and may

Until one feels wholly exhausted. To continue working the

Take a walk or some other recreation than Go Prodding on

To keep the attention fixed is far better to break off and

We find that muscles slow and exertion trouble is needed

Do not study for too long at once, so long as the mind acts

Read the passage given below and answer the questions

You should adopt the course which will benefit

The needs in the plantation are

My sister has not been well

Sentences:

Insert literal/mostly in the given

For replying to my letter, so promptly,

We can do without your help

For giving us such an enjoyable holiday,

Close the door.

With either please or thank you:

Fill in the blank spaces in the following sentences

(3)
3. Write an application for the post of a P.E.D. teacher.

2. Write a letter to a bank regarding a mistake in your account.

(6) Rising Prices.

(b) Why does one live by bread alone.

(c) The Problem of Unemployment.

(d) The Measure of Terrorism.

(c) Corruption in Public Life.

1. Write an essay in about 400 words on any one of the following topics:

Note: Attempt all questions.

Maximum marks: 50

Time allowed: 3 hours

Paper V (II)

ENGLISH-B

SRQ / A-17

Printed Pages: 4

Roll No. No.
1. One who is unable to read and write.
2. A person who loves his own country.
3. A man whose wife is dead.
4. A woman whose husband is dead.
5. One who always looks at the bright side of life.

Give one synonym of any one of the following:

Give one antonym of any one of the following:

Give one word substitution of any three of the following:

1. I live in this house since I joined service.
2. I did not yet work with him.
3. The music is the food of love.
4. The man is mortal.
5. Each of the students should do their best.

Which need be done?

What are the news?

Does she whisper?

Correct any five of the following sentences:

4. Do as directed.
(a)
(b)
(c)
(d)

1. \[ 10 \times 2 = 20 \]

Maximum marks: 100

[Time allowed: 3 hours]

PAPER-VI

HINDI (Compulsory)

PRINTED PAGES: 5

ROLL NO.
1. \( 3 \times 5 = 15 \)

5. \( 8 \times 2 = 16 \)

4. \( 10 \times 2 = 20 \)

3. \( 10 \times 5 = 50 \)

2. \( 10 \times 10 = 100 \)

(3)

(2)