

PGDCA

ASSIGNMENT QUESTION PAPER

PAPER-I: Introduction to Information Technology and Office Automation.

PART - A

Answer any ONE of the following

1 x 5 = 5

1. What are the uses of Computers? What are the main parts a computer?
2. Describe how to transform Data into Information.

PART - B

Answer any TWO of the following

2 x 10 =20

3. Discuss about the Operating System Basics.
4. Explain about network Basics.
5. Narrate creating Computer programs..

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**ASSIGNMENT QUESTION PAPER
PAPER-II: PROGRAMMING IN C & DATA STRUCTURES**

PART – A

Answer any ONE of the following

1 x 5 = 5

1. Discuss about Management of Input and Output Operations..
2. Discuss about Decision Making and Arrays.

PART - B

Answer any TWO of the following

2 x 10 =20

3. Explain User defined Functions and Pointers.
4. Explain Data Structures, Stacks - Queues – Circular Queues – Applications of Stacks..
5. Discuss about Dynamic Memory allocation and Linked Lists.

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ASSIGNMENT QUESTION PAPER

PAPER-III: DATA MANAGEMENT SYSTEMS

PART – A

Answer any ONE of the following

1 x 5 = 5

1. What is the importance of DBMS? Explain DBMS uses.
2. Discuss about Entity Relationship Model.

PART - B

Answer any TWO of the following

2 x 10 =20

3. Discuss about Advanced Data Modelling.
4. Describe about normalization of data tables.
5. Write about DDBMS.

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ASSIGNMENT QUESTION PAPER
PAPER-IV: Web Technologies and GUI programming.

PART – A

Answer any ONE of the following

1 x 5 = 5

5. Explain Working Mouse Events and Dialog Boxes.
6. Discuss about Object linking and embedding.

PART - B

Answer any TWO of the following

2 x 10 =20

7. Discuss about Objects and Classes.
8. Describe Graphics, MDI and FLEX Grid..
5. Write about ACTIVE EXE and ACTIVEX DLL.

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ASSIGNMENT QUESTION PAPER
PAPER-V: OBJECT ORIENTED PROGRAMMING THROUGH JAVA

PART – A

Answer any ONE of the following

1 x 5 = 5

1. What the fundamentals of Object Oriented Programming?
2. Explain about Multithreaded Programming.

PART - B

Answer any two of the following

2 x 10 =20

3. Discuss about Classes Objects and Methods.
4. Narrate the Multiple Inheritance.
5. Explain the Managing of Input/output Files in JAVA.

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**ASSIGNMENT QUESTION PAPER
PAPER-VI: COMPUTER ORGANIZATION AND OPERATING SYSTEMS**

PART – A

Answer any ONE of the following

1 x 5 = 5

1. Discuss about AND, OR, NOT Gates and write their Truth Tables.
2. Discuss about Operating Systems Functions.

PART - B

Answer any TWO of the following

2 x 10 =20

3. Explain Arithmetic Operations and Branching conditions.
4. Explain Process Management in detail.
5. Discuss about Memory Management.

MSc (CS)-Ist Year

**ASSIGNMENT QUESTION PAPER
PAPER-I: DATA STRUCTURES AND C++ :CS-419**

PART – A

Answer any ONE of the following

1 x 5 = 5

1. Explain about stack operation, Stack linked list Implementation, Stack Applications.
2. Describe Binary Tree, Binary Tree Traversals, and General Trees.

PART - B

Answer any TWO of the following

2 x 10 =20

3. Discuss about the Abstract Data Type, Model for Abstract Data Type, and Algorithm Efficiency.
4. Explain about Heaps.
5. Narrate about Graphs Terminology, Operations.

MSc (CS)-Ist Year

ASSIGNMENT QUESTION PAPER

PAPER-II: COMPUTER ORGANIZATION AND OPERATING SYSTEMS. : CS-420

PART – A

Answer any ONE of the following

1 x 5 = 5

1. Discuss about AND< OR< NOT Gates and write their Truth Tables.
2. Discuss about Operating Systems Functions.

PART - B

Answer any TWO of the following

2 x 10 =20

3. Explain Arithmetic Operations and Branching conditions.
4. Explain Process Management in detail.
5. Discuss about Memory Management.

MSc (CS)-Ist Year

ASSIGNMENT QUESTION PAPER

PAPER-III: COMPUTER NETWORKS : CS-421

PART – A

Answer any ONE of the following

1 x 5 = 5

1. Explain Computer Networks and Internet.
2. Explain Transport layer.

PART - B

Answer any TWO of the following

2 x 10 =20

3. Describe about Application Layer.
4. Narrate Network Layer and Routing.
5. Explain IEEE 802.11 LANs and PPP.

MSc (CS)-Ist Year

**ASSIGNMENT QUESTION PAPER
PAPER-IV: DATABASE MANAGEMENT SYSTEMS : CS-422**

PART – A

Answer any ONE of the following

1 x 5 = 5

1. What is the importance of DBMS? Explain.
2. Discuss about Entity Relationship model.

PART - B

Answer any TWO of the following

2 x 10 =20

3. Discuss about Data Models.
4. Describe about normalization of data tables.
5. Write about DDBMS.

MSc (CS)-Ist Year

**ASSIGNMENT QUESTION PAPER
PAPER-V: DISCRETE MATHEMATICS : CS-423**

PART – A

Answer any ONE of the following

1 x 5 = 5

1. Explain About Sets, Relations, Logical inferences.
2. Write about Relations and Diagrams

PART - B

Answer any TWO of the following

2 x 10 =20

3. Narrate about Recurrence Relations.
4. Discuss about Combinations and Permutations.
5. Explain about:
 - a) Isomorphism.
 - b) Trees
 - c) Euler Circuits'.

MSc (CS)-Ist Year

**ASSIGNMENT QUESTION PAPER
PAPER-VI: OBJECT ORIENTED PROGRAMMING Through JAVA :CS-424**

PART – A

Answer any one of the following

1 x 5 = 5

1. What the fundamentals of Object Oriented Programming?
2. Explain about Multithreaded Programming.

PART - B

Answer any two of the following

2 x 10 =20

3. Discuss about Classes Objects and Methods.
4. Narrate the Multiple Inheritance.
5. Explain the Managing of Input/output Files in JAVA.