

**S.P.U. (P.G.) College, Falna**

**(Affiliated to Jai Narain Vyas University, Jodhpur)**

**Mid Term Examination - 2024**

**Assignment**

**BCA - III<sup>rd</sup> Semester**

**Session - 2024-25**



**Programme Name :** Bachelor of Computer Application [BCA]

**Semester :** Third Semester

**Subject/Course Name &** Computer Networks

**Code :** [ CSA6002T ]

**Name of Student :** \_\_\_\_\_

**Student Mobile (Self) :** \_\_\_\_\_

**Father's Name :** \_\_\_\_\_

**Parents Mobile No. :** \_\_\_\_\_

**Roll No :** \_\_\_\_\_

**ABC ID:** \_\_\_\_\_

**Aadhar Card No. :** \_\_\_\_\_

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**Mid Term Examination - 2024**  
**Session - 2024-25**

**Assignment for Semester – III**

**Programme : Bachelor of Computer Application [ BCA ]**

**Subject / Course Name : Computer Networks**

**Course Code : CSA6002T**

**Max. Marks: 20**

**Note:** The question paper is divided into **Two sections A and B**. Write answers as per given instructions.

**Section A**

**(Very Short Answer Type Questions)**

**Note:** Answer all questions. Give answer in **One Word or One Sentence or maximum up to 30 Words**. Each question carries **2 marks**. (4X2=8)

Q.1

- (A) What is Data Communication and also explain types of communication channels.
- (B) Explain types of Communication Media.
- (C) Explain all types of Networks.
- (D) Explain all types of Topologies.

**Section B**

**(Long Answer Type Questions)**

**Note:** Answer any one question selecting from the pair given below (A or B). Give answer maximum up to **500 Words**. This question carries **12 marks**. (12 x 1=12)

Q.2 (A) Define all the layers of OSI model with diagram.

**OR**

(B) Write short notes on : (i) ALHOA (ii) CSMA/CD.

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**Mid Term Examination - 2024**

**Assignment**

**BCA - III<sup>rd</sup> Semester**

**Session - 2024-25**



**Programme Name :** Bachelor of Computer Application [BCA]

**Semester :** Third Semester

**Subject/Course Name &** Computer Oriented Statistical Techniques

**Code :** [ CSA6004T ]

**Name of Student :** \_\_\_\_\_

**Student Mobile (Self) :** \_\_\_\_\_

**Father's Name :** \_\_\_\_\_

**Parents Mobile No. :** \_\_\_\_\_

**Roll No :** \_\_\_\_\_

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**Aadhar Card No. :** \_\_\_\_\_

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**Mid Term Examination - 2024**

**Session - 2024-25**

**Assignment for Semester – III**

**Programme : Bachelor of Computer Application [ BCA ]**

**Subject / Course Name : Computer Oriented Statistical Techniques**

**Course Code : CSA6004T**

**Max. Marks: 20**

**Note:** The question paper is divided into **Two sections A and B**. Write answers as per given instructions.

**Section A**

**(Very Short Answer Type Questions)**

**Note:** Answer all questions. Give answer in **One Word or One Sentence or maximum up to 30 Words**. Each question carries **2 marks**. (4X2=8)

Q.1

(A) What is Statistics? Define characteristics of Statistics.

(B) Define Descriptive and Inferential statistics.

(C) Define merits and demerits of Arithmetic Mean and also define arithmetic Mean with suitable example.

(D) Define the working of Correlation and Regression define any one technique for analysis.

**Section B**

**(Long Answer Type Questions)**

**Note:** Answer any one question selecting from the pair given below (A or B). Give answer maximum up to **500 Words**. This question carries **12 marks**. (12 x 1=12)

Q.2 (A) Define merits and demerits of Arithmetic Mode and also define arithmetic Mode with suitable example.

**OR**

(B) Define merits and demerits of Arithmetic Median and also define arithmetic Median with suitable example.

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**Assignment**

**BCA - III<sup>rd</sup> Semester**

**Session - 2024-25**



**Programme Name :** Bachelor of Computer Application [BCA]

**Semester :** Third Semester

**Subject/Course Name &** DATABASE MANAGEMENT SYSTEM

**Code :** [ CSA6001T ]

**Name of Student :** \_\_\_\_\_

**Student Mobile (Self) :** \_\_\_\_\_

**Father's Name :** \_\_\_\_\_

**Parents Mobile No. :** \_\_\_\_\_

**Roll No :** \_\_\_\_\_

**ABC ID:** \_\_\_\_\_

**Aadhar Card No. :** \_\_\_\_\_

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**Mid Term Examination - 2024**

**Session - 2024-25**

**Assignment for Semester – III**

**Programme : Bachelor of Computer Application [ BCA ]**

**Subject / Course Name : DATABASE MANAGEMENT SYSTEM**

**Course Code : CSA6001T**

**Max. Marks: 20**

**Note:** The question paper is divided into **Two sections A and B**. Write answers as per given instructions.

**Section A**

**(Very Short Answer Type Questions)**

**Note:** Answer all questions. Give answer in **One Word or One Sentence or maximum up to 30 Words**. Each question carries **2 marks**. (4X2=8)

Q.1

- (A) What is a Data and information
- (B) What is a DBMS give five example
- (C) Explain object , entity and relationship
- (D) Define all type attributes .

**Section B**

**(Long Answer Type Questions)**

**Note:** Answer any one question selecting from the pair given below (A or B). Give answer maximum up to **500 Words**. This question carries **12 marks**. (12 x 1=12)

Q.2 (A) Construct the E-R diagram for railway reservation system and construct database schema

**OR**

(B) What is normalization. Explain all types of normalization with example

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**Mid Term Examination - 2024**

**Assignment**

**BCA - III<sup>rd</sup> Semester**

**Session - 2024-25**



**Programme Name :** Bachelor of Computer Application [BCA]

**Semester :** Third Semester

**Subject/Course Name &** Introduction to JAVA Programming

**Code :** [ CSA6003T ]

**Name of Student :** \_\_\_\_\_

**Student Mobile (Self) :** \_\_\_\_\_

**Father's Name :** \_\_\_\_\_

**Parents Mobile No. :** \_\_\_\_\_

**Roll No :** \_\_\_\_\_

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**Mid Term Examination - 2024**

**Session - 2024-25**

**Assignment for Semester – III**

**Programme : Bachelor of Computer Application [ BCA ]**

**Subject / Course Name : Introduction to JAVA Programming**

**Course Code : CSA6003T**

**Max. Marks: 20**

**Note:** The question paper is divided into **Two sections A and B**. Write answers as per given instructions.

**Section A**

**(Very Short Answer Type Questions)**

**Note:** Answer all questions. Give answer in **One Word or One Sentence or maximum up to 30 Words**. Each question carries **2 marks**. (4X2=8)

Q.1

- (A) Explain the basic features of JAVA.
- (B) Explain Java Environment.
- (C) Explain with suitable example method overloading and overriding.
- (D) What do you mean by multithreaded programming in Java.

**Section B**

**(Long Answer Type Questions)**

**Note:** Answer any one question selecting from the pair given below (A or B).  
**Give answer maximum up to 500 Words**. This question carries **12 marks**.  
(12 x 1=12)

Q.2 (A) How can we define multiple inheritance in Java. Explain with suitable example.

**OR**

(B) What is package ? How can define a user define package in Java ?



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**Assignment**

**BCA - III<sup>rd</sup> Semester**

**Session - 2024-25**



**Programme Name :** Bachelor of Computer Application [BCA]

**Semester :** Third Semester

**Subject/Course Name &** Java Laboratory

**Code :** [ CSA6002P ]

**Name of Student :** \_\_\_\_\_

**Student Mobile (Self) :** \_\_\_\_\_

**Father's Name :** \_\_\_\_\_

**Parents Mobile No. :** \_\_\_\_\_

**Roll No :** \_\_\_\_\_

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**Mid Term Examination - 2024**

**Session - 2024-25**

**Assignment for Semester – III**

**Programme : Bachelor of Computer Application [ BCA ]**

**Subject / Course Name : Java Laboratory**

**Course Code : CSA6002P**

**Max. Marks: 20**

**Note:** The question paper is divided into **Two sections A and B**. Write answers as per given instructions.

**Section A**

**(Very Short Answer Type Questions)**

**Note:** Answer all questions. Give answer in **One Word or One Sentence or maximum up to 30 Words**. Each question carries **2 marks**. (4X2=8)

Q.1

- (A) Write a program with multiple class in java.
- (B) Write a program of multiple inheritance.
- (C) Write a program of method overloading, overriding, constructor.
- (D) Write an applet for drawing line, rectangle and circle.

**Section B**

**(Long Answer Type Questions)**

**Note:** Answer any one question selecting from the pair given below (A or B).  
Give answer maximum up to **500 Words**. This question carries **12 marks**.  
(12 x 1=12)

Q.2 (A) Write a program for defining multithreaded programming.

**OR**

(B) Write a program for how can create a user define package in Java.