

S.P.U. (P.G.) College, Falna
(Affiliated to Jai Narain Vyas University, Jodhpur)

Mid Term Examination - 2024

Assignment

BCA - Ist Semester

Session - 2024-25



Programme Name : Bachelor of Computer Application [BCA]

Semester : First Semester

Subject/Course Name & 'C' Programming Laboratory

Code : [CSA5001P]

Name of Student : _____

Student Mobile (Self) : _____

Father's Name : _____

Parents Mobile No. : _____

Roll No : _____

ABC ID: _____

Aadhar Card No. : _____

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

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Mid Term Examination - 2024

Session - 2024-25

Assignment for Semester – I

Programme : Bachelor of Computer Application

Course Name & Code : 'C' Programming Laboratory [CSA5001P]

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 to calculate compound interest.
- (B) Write a program to print any table.
- (C) Write a program to print sum of even & odd number 1 to 20.
- (D) Write a program to calculate area of triangle.

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 checking Armstrong number.

OR

(B) Write a program to print Fibonacci series.

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Mid Term Examination - 2024

Assignment

BCA - Ist Semester

Session - 2024-25



Programme Name : Bachelor of Computer Application [BCA]

Semester : First Semester

Subject/Course Name & Fundamentals of Computers

Code : [CSA5001T]

Name of Student : _____

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Mid Term Examination - 2024

Session - 2024-25

Assignment for Semester – I

Programme : Bachelor of Computer Application

Course Name & Code : Fundamentals of Computers [CSA5001T]

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) Draw the block diagram of Computer.
- (B) Define how many types of Computer.
- (C) Define and explain any three input and output devices.
- (D) What is the basic difference between Primary and Secondary Memory.

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 how many types of software.

OR

(B) Difference between Assembly language and High Level Language.

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Mid Term Examination - 2024

Assignment

BCA - Ist Semester

Session - 2024-25



Programme Name : Bachelor of Computer Application [BCA]

Semester : First Semester

Subject/Course Name & OFFICE TOOLS LABORATORY

Code : [CSA5002P]

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 – I

Programme : Bachelor of Computer Application

Subject / Course Name & Code : Office Tools Laboratory [CSA5002P]

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 the difference between Header and Footer in Ms-word.
- (B) What is workbook, worksheet, cell and how many Rows and Columns in Ms-Excel 2021.
- (C) What is different between Save and SaveAs.
- (D) Write the steps for creating a new folder in windows.

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) What is Mail Merge in Ms-Word? How to use this facility? Describe it Step by step.

OR

(B) Create a Student Table in Ms-Access (Rno, Name, Fname, Class, Address, Mobileno) and insert 5 records in it and delete one record. Describe it step by step.

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Mid Term Examination - 2024

Assignment

BCA - Ist Semester

Session - 2024-25



Programme Name : Bachelor of Computer Application [BCA]

Semester : First Semester

Subject/Course Name & Programming with 'C'

Code : [CSA5003T]

Name of Student : _____

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Mid Term Examination - 2024

Session - 2024-25

Assignment for Semester – I

Programme : Bachelor of Computer Application

Course Name & Code : Programming with 'C' [CSA5003T]

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 POP (Procedure Oriented Programming).
- (B) Decision making statements in 'C' Language.
- (C) Looping statements in 'C' Language.
- (D) Explain use of Array in 'C' Language.

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) What do you mean by structure explain with suitable example.

OR

(B) Explain user define function with suitable example.

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Mid Term Examination - 2024

Assignment

BCA - Ist Semester

Session - 2024-25



Programme Name : Bachelor of Computer Application [BCA]

Semester : First Semester

Subject/Course Name & DIGITAL LOGIC

Code : [CSA5004T]

Name of Student : _____

Student Mobile (Self) : _____

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Aadhar Card No. : _____

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Mid Term Examination - 2024

Session - 2024-25

Assignment for Semester – I

Programme : Bachelor of Computer Application

Course Name & Code : DIGITAL LOGIC [CSA5004T]

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) Construct the Truth table and Symbol of Logic gate AND ,OR and NAND.

(B) Convert the following (1) $(3456.78)_{10} = ()_2$. (2) $(AD34.8)_{16} = ()_8$

(C) Write down Demargn's Law .

(D) Construct truth table and logic diagram for $A.B^2 + C.A$

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) Simplify Following Boolean expression by k-map Method

(1) $F(A, B, C, D) = \sum(0,1,3,4,7,8,9,10,11,13,15)$

(2) $F(X,Y,Z) = \pi(1.2.5.6.7)$

OR

(B) Explain Half Adder and Full Adder with logic diagram

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Mid Term Examination - 2024

Assignment

BCA - Ist Semester

Session - 2024-25



Programme Name : Bachelor of Computer Application [BCA]

Semester : First Semester

Subject/Course Name & Mathematics For Computing

Code : [CSA5002T]

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 – I

Programme : Bachelor of Computer Application

Course Name & Code : Mathematics For Computing [CSA5002T]

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) Simplify following $(a+b^2+c)(a-b-c)$
- (B) Find the value of $\cos 750$ and $\sin 1020$
- (C) Simplify quadric equation $X^2 + 6x + 9 = 0$
- (D) simplify $\sin 15 + \cos 75$

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) Simplify Following Boolean expression by k-map Method

- (1) Given equation $3X^2 - 2X + 5 = 0$ find the nature and roots of the equation
- (2) if a and b are roots of the equation $X^2 - 5x + 4 = 0$ find $a^2 + b^2$, a-b, $1/a + 1/b$

OR

Find the value of $\cos 2A$ if (1) $\cos A = 15/17$ (2) $\sin A = 4/5$

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Mid Term Exam 2024

Assignment for Semester I - 2024-25

Programme: B.Com. , B.Sc. & BCA

Subject/Course Name & Code: GENERAL ENGLISH (AECA201ENGT)

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**. This question carries 8 marks. (4X2=8)

Q.1 (A) Fill in the blanks with appropriate article :- (4x1=4)

- (i) I lost book which my father bought from Bikaner.
- (ii) Annie is European girl.
- (iii) John is honest man.
- (iv)boy who is wearing a blue shirt is my brother.

(B) Fill in the blanks with correct form of verbs :- (4x1=4)

- (i) Neha always two college on time. (come)
- (ii) When I went her home she (sleep)
- (iii) The patient before the doctor came (die)
- (iv) Sangeeta a novel since morning (read)

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. (1X12=12)

Q.2 (A) Write a letter to your friend inviting him to attend your elder sister's marriage.

OR

(B) Write an essay on any one topic :-

- (i) Social Media addiction
- (ii) Women Empowerment