Regd.No:_____

(CSC - 2305)

B.Sc Degree (CBCS) Examinations-July 2022

SEMESTER-II (BACKLOG)

(Admitted Batches 2017-18, 2018-19 and 2019-20 only)

C - -PROGRAMMING

TIME: 3 Hrs Max Marks:60

SECTION-A

Answer any FIVE of the following questions **5X4=20M**

1. Write the Structure of c Programming?
2. What are the data types are variable in c language?
3. What is Break Statement& continue Statement?
4. Explain Recursive Functions and its types?\
5. Write a Program to check Whether the given number is Armstrong or not?
6. How to Decliration of Arrays?
7. Write about type casting?
8. Difference Between Structure and Union?
9. What is Files write data from files?
10. Difference Between C and C++?

SECTION-B

Answer the following questions? **5X8=40M**

11(a) What is Algorithms? Key features of Algorithms Advantages & disadvantages ?

(or)

(b) Explian the operators in C language?

12(a) Write about different types of looping statements?

(or)

(b) What is function? Explain types of functions?

13(a) What is Array? Explain one-dimention & two- dimentional arrays with examples?

(or)

(b) Write a 'c' program to find the Matrix Multiplication?

14(a) what is string ? explain String handling handling functions ?

(or)

(b) What is structure? Explain arrays of structure with example?

15(a) Explain file management in c ?

(or)

(b) Explain features of Oblect oriented programming in C++?

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Regd.No:_____

(CSC – 2305)

B.Sc Degree (CBCS) Instant Examinations-September 2022

SEMESTER-II

C PROGRAMMING

TIME: 3 Hrs Max Marks:6

SECTION – A

Answer any **FIVE** of the following Questions 5 x 4 = 20 M

1. Write about Variables and Constants.
2. Write the Structure of C program.
3. Explain Call-by-value.
4. Explain about recursion with example.
5. Write a program to find the Matrix Multiplication.
6. Explain Sparse Matrices.
7. Write about Dynamic Memory Allocation.
8. Explain Enumerated data type.
9. How to detect End of file in C.
10. Write about Break & Continue Statements.

SECTION – B

Answer the Following Questions 5 x 8 = 40 M

11. (a) Explain the Structure of a' C' Program.
    (b) Explain the Generation of Programming Language.
12. (a) Write about different types of Looping Statements?
    (b) What is a Function? Explain the Advantages of Functions.
13. (a) What is Array? How to initialize Two Dimensional Array? Give Example.
    (b) Explain about the Following String handling Function
    (i) Strcat ( ) (ii) Strcmp ( ) (iii) Strcpy ( ) (iv) Strlen ( )
14. (a) Explain the Static and Dynamic Memory allocations
    (b) What is Enumerated Data Type? Explain Giving an example.
15. (a) Explain the Features of Object Oriented Programming in C++.
    (b) Explain the Data Types in C++

(xxxxx)

(CSC 2305)

B.Sc. (MPCS, MSCS, MECS, MPM) (CBCS) Examinations

APRIL - 2019

EXAMINATION AT THE END OF II SEMESTER

PART - II COMPUTER SCIENCE - 2

C - PROGRAMMING

TIME : Two and half hours | Maximum : 60 Marks

SECTION-A

I. Answer any FIVE of the following questions. **5x4=20**

1. Explain the features of C language
2. How to compile and execute a C programme?
3. What is a function explain how it is declared in 'C'
4. Write a programme to find out the biggest number among the two variables without using third variable
5. What is a pointer? Explain how to define a pointer.
6. Write a 'C' programme to find number of vowels and consonants present in a given number
7. Explain about dynamic memory allocation techniques.
8. Explain briefly about enumerated data type
9. Explain INPUT and OUTPUT statements in C++
10. Write a short note on error handling while performing operations.

SECTION-B

II. Answer the following questions. **5x8=40M**

11. (a)Explain about C tokens

(OR)

(b) Write about INPUT and OUTPUT statements used in C language with syntax and example

12. (a) Write a 'C' programme to find whether the given string is Armstrong number or not.

(OR)

(b) Explain about decision control statements in C language.

13. (a) Write a 'C' programme to find transpose of a matrix

(OR)

(b) Explain about different string handling functions in C

14. (a) Explain about different pointer expressions and arithmetic.

(OR)

(b) Difference between Structures and Union.

15. (a) Explain features of object oriented programming in C++

(OR)

(b) Explain about various functions for Random Access files in C language

(CSC 2305)

B.Sc. (MPCS, MSCS, MECS, MPM) (CBCS) Examinations

APRIL - 2019

EXAMINATION AT THE END OF II SEMESTER

PART - II COMPUTER SCIENCE - 2

C - PROGRAMMING

TIME : Two and half hours | Maximum : 60 Marks

SECTION-A

Answer any FIVE Questions: **5X4=20M**

1. Write about programming languages.
2. Define variable? Write about its types.
3. Write about iterative statements.
4. What is a function? How to declare a function in 'C' program.
5. How to calculating length of the Array.
6. Write about string operations.
7. Write a 'C' program for factorial of a given number.
8. Explain about generic pointers.
9. Write about enumerated data types.
10. Write a 'C' program for given number is Amstrong or not.

SECTION-B

Answer the following Questions: **5X8=40M**

11. Explain about generations of computers.

(or)

Explain about data types in 'C' language.

12. Write about branching statements.

(or)

Explain about recursive functions.

13. Explain about One dimensional Arrays.

(or)

Explain about string handling functions.

14. Explain about Dynamic Memory allocation.

(or)

Explain about structures and functions.

15. Explain about OOP's concepts.

(or)

How to reading and writing data from files.

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18-11-2022

(CSC 2305)

B.Sc. Degree (CBCS) Examinations

NOVEMBER - 2020

EXAMINATION AT THE END OF II SEMESTER

PART - II COMPUTER SCIENCE

C - PROGRAMMING

TIME : Two hours Maximum : 60 Ma

SECTION – A

Answer any FOUR of the following Questions 4X6=24M

1. Explain the features of C – Languages?
2. What is an Algorithm? Explain the different between Algorithm & Flowchart.
3. Explain about different types of Operator available in C.
4. Explain briefly about Conditional Branching Statement.
5. Explain the general form of While Loop.
6. What are various Storage Classes? Explain.
7. Explain the relation between Pointer and Array.
8. What is a self referential Structure? Explain.
9. Write about enumerated data types.
10. Write a 'C' program for given number is Amstrong or not.

SECTION-B

Answer THREE of the Following Questions: 3X12=36 M

11. Explain about generations of computers.

(or)

Explain about data types in 'C' language.

12. Write about branching statements.

(or)

Explain about recursive functions.

13. Explain about One dimensional Arrays.

(or)

(b) Explain about the Following String handling Function

(i) Strcat ( ) (ii) Strcmp ( ) (iii) Strcpy ( ) (iv) Strlen ( )

14. (a) Explain the Static and Dynamic Memory allocations

(or)

(b) What is Enumerated Data Type? Explain Giving an example.

15. (a) Explain the Features of Object Oriented Programming in C++.

(or)

(b) Explain the Data Types in C++

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(CSC 2305)

B.Sc. (MPCS, MSCS, MECS, MPM) (CBCS) Examinations

OCTOBER - 2020

EXAMINATION AT THE END OF II SEMESTER

PART - II COMPUTER SCIENCE

C - PROGRAMMING

TIME : Two hours | Maximum : 60 Mark

SECTION– A

Answer any FOUR of the following questions 4×6 = 24 M

1. Write about Variables and Constants.
2. Write the Structure of C program.
3. Explain Call-by-value.
4. Explain about recursion with example.
5. Write a program to find the Matrix Multiplication.
6. Explain Sparse Matrices.
7. Write about Dynamic Memory Allocation.
8. Explain Enumerated data type.
9. How to detect End of file in C.
10. Write about Break & Continue Statements.

SECTION – B

Answer 3 of the following Questions. 3×12 = 36 M

11. Explain Operators in C language with example.

(OR)

Explain different Input and Output Statements in C with example.

12. Explain different Storage Classes in C.

(OR)

Explain different types of looping statements.

(PTO)

13. Explain various String handling functions in C.

(OR)

Explain different types of Arrays.

14. Explain pointers in detail.

(OR)

Explain about Structures in detail.

15. Explain about basic file operations in C.

(OR)

Explain features of Object Oriented Programming in C++.

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(CSC 2305)

25/09/21

B.Sc. Degree (CBCS) Examinations

AUGUST - 2021

EXAMINATION AT THE END OF II SEMESTER

PART - II COMPUTER SCIENCE

C - PROGRAMMING

ME : Three hours

Maximum : 60 Marks

SECTION – A

Answer any **FIVE** of the following Questions 5 x 4 = 20 M

1. Write about Variables and Constants.
2. Write the Structure of C program.
3. Explain Call-by-value.
4. Explain about recursion with example.
5. Write a program to find the Matrix Multiplication.
6. Explain Sparse Matrices.
7. Write about Dynamic Memory Allocation.
8. Explain Enumerated data type.
9. How to detect End of file in C.
10. Write about Break & Continue Statements.

SECTION – B

Answer the Following Questions 5 x 8 = 40 M

11. (a) Explain the Structure of a' C' Program.
    (b) Explain the Generation of Programming Language.
12. (a) Write about different types of Looping Statements?
    (b) What is a Function? Explain the Advantages of Functions.
13. (a) What is Array? How to initialize Two Dimensional Array? Give Example.
    (b) Explain about the Following String handling Function
    (i) Strcat ( ) (ii) Strcmp ( ) (iii) Strcpy ( ) (iv) Strlen ( )
14. (a) Explain the Static and Dynamic Memory allocations
    (b) What is Enumerated Data Type? Explain Giving an example.
15. (a) Explain the Features of Object Oriented Programming in C++.
    (b) Explain the Data Types in C++

(CSC N-1305)

B.Sc. Degree (CBCS) Examinations

AUGUST-2021

EXAMINATION AT THE END OF SEMESTER - I

PART - II COMPUTER SCIENCE-I

PROBLAEM SOLVING IN "C"

TIME : Three hours

Maximum : 60 M

SECTION-A

Answer any **FIVE** of the following questions: 5 X 4=20 M

1. Write Structure of C Program with example?
2. Explain about any four characteristics of Computer?
3. Explain about data types in C language?
4. Explain Switch- case statement in C?
5. Write a program for addition two numbers?
6. Explain about Structure and Union?
7. Explain about Memory allocation in Pointer?
8. Explain about Storage classes?
9. Explain Enumerated Data type?
10. Explain any five keywords in C Language?

SECTION-B

Answer the following questions: 5 X 8 = 40 M

11. a) Explain about Block diagram of Digital Computer in detail?

(OR)

b) Explain different types of Computers?

12. a) Explain about Looping Statements in C ?

(OR)

b) Explain about Decision Making or Conditional Statements in C?

3. a) Explain about types of Arrays in C?

(OR)

b) Write a C program to find Matrix Multiplication?

4. a) Explain different types of Functions in C?

(OR)

b) What is Structure? Explain Structure with example.

5. a) Explain about Pointers in detail?

(OR)

b) Explain about File operations in C?

XXXXX