

2311000901010011

B. C. A. F.Y. (Sem – I)

Examination December - 2023

Major-104-Computer Programming & Programming Methodology(CPPM)

Seat No:

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[Time: Two hours]

[Max. marks: 50]

Instructions

- Answer all the questions.
- Figures in the right indicates full marks
- Illustrate your answer with necessary example, if required.

Student's Signature

Q.1 Answer Following: 10

1. The _____ symbol is used to represent process in flowchart.
 - a. Circle
 - b. Rectangle
 - c. Diamond
 - d. None of these
2. The extension of object code is
 - a. .c
 - b. .exe
 - c. .obj
 - d. .cpp
3. What is the correct syntax for while loop?
 - a. While(condition) { Statements ; }
 - b. While { Statements; }
 - c. While(initialization; condition; increment/decrement) { Statements ; }
 - d. While { Statements ; }(condition)
4. What is loop within loop known as?
 - a. Inner Loop
 - b. Outer Loop
 - c. Nested Loop
 - d. For loop

5. _____ keyword is used to come out of a loop only for that iteration.
 - a. Break
 - b. Continue
 - c. Return
 - d. None
6. _____ function concatenate 2 strings.
 - a. Strcpy
 - b. Strcat
 - c. Strlen
 - d. Strcmp
7. _____ is the correct way to define a pointer.
 - a. Int _ptr x;
 - b. Int *ptr;
 - c. *int ptr;
 - d. *x;
8. Collection of instruction written in common language is called _____.
 - a. Program
 - b. Algorithm
 - c. Flowchart
 - d. Software
9. How much byte occupied by the float type of variable?
 - a. 2 bytes
 - b. 4 bytes
 - c. 10 bytes
 - d. 8 bytes
10. The code which is generated by compiler is
 - a. Source code
 - b. Object code
 - c. Exe file
 - d. None of these

Q.2 Do as Directed:- (Any Two)

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- (A) What is flow chart? Explain it in detail. Also explain benefits and limitation of drawing flowchart.
- (B) Importance of 'C' Language.
- (C) Explain Basic Structure of 'C' Programming.
- (D) Explain any five String Functions.

Q.3 Do as Directed. : (Any Two)

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- (A) What is Two-Dimensional Array? Explain with Example.
- (B) What is entry control loop and exit control loop? Explain it with an example.
- (C) What is switch case statement? Explain it with an example.
- (D) Explain logical and conditional operator with example.

Q.4 Do as Directed. : (Any Three)

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- (A) Explain Selection Sort.
- (B) What is Nested Loop? Explain it with an example
- (C) Explain One dimensional Array.
- (D) What is Data Type? Explain data type in C Programming Language.
- (E) Write a short note on Pointer