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SUBJECT CODE NO: - YY-2400
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. (CBCGS) (Pattern 2022) S.Y. (SEM III)
Examination April / May - 2024
Computer Science-VIII Advance C Programming

[Time: 1:30 Hours]

[Max. Marks: 40]

Please check whether you have got the right question paper.

N. B

- i) Attempt All questions.
- ii) Illustrate your answer with suitable diagram.

Q.1 Explain how to declare and use function for call by value and call by reference **10**

OR

- a) Explain Structure declaration in C
- b) What is union? explain it with example



5
5

Q.2 Explain memory Allocation function with examples. **10**

OR

Explain file handling in C-programming with examples.

10

Q.3 Write Short note on (any two) **10**

- i) '*' and '&' operator
- ii) Rewind ()
- iii) # end if
- iv) fseek ()



Q.4 Multiple Choice question **10**

- 1) _____ is functions return type in C if it does not return any value.
 - a) Int
 - b) Void
 - c) Float
 - d) Char
- 2) A function call itself is called a _____ function.
 - a) Self
 - b) Auto
 - c) Recursive
 - d) Static

- 3) _____ is the size of C structure.
- a) 128 bytes b) 0 bytes
c) Total bytes of all element d) Size of large element
- 4) Which of the following operation is illegal in structure
- a) Type casting of structure
b) Pointer to a variable of same structure
c) Dynamic location of memory for structure
d) All of the above
- 5) _____ data type are accepted while declaring bit – fields.
- a) Char b) Float
c) Double d) None
- 6) Which is an indirection operator? _____
- a) & b) * c) → d) ·
- 7) What is pointer primarily used for?
- a) Decision making b) Code organization
c) Variable declaration d) Storing values
- 8) _____ is the result of expression size of (int *) in C.
- a) 4 b) 8 c) 2 d) 1
- 9) Which of the following mode argument is used to truncate?
- a) a b) w c) f d) t
- 10) FILE is of type _____
- a) Int type b) Char * type
c) Struct type d) None

