

Ann - A

MODEL QUESTION PAPER (Sem-end. Exam)

B.Sc (CS) / End Semester Exams

Time: 3 hours

Problem showing in C

Max.Marks: 75

SECTION-A

Answer any FIVE questions.

5X5 = 25M

1. Explain Block diagram of Computer.
2. Define an Algorithm. What are the key features of an algorithm?
3. Write about goto statement with syntax and example.
4. Dynamic memory allocation.
5. Explain pointers in arrays.
6. Explain Nested structures
7. Drawback of pointer.
8. Briefly explain various types of recursions.
9. Write a program to check whether given number is prime or not.
10. Write a program for matrix transpose using arrays.

SECTION-B

Answer Any FIVE question

5X10 = 50M

1. Briefly explain about generations of computers.
2. What is a Flowchart? Explain significance with an example.
3. Explain basic data types in C?
4. Explain about iterative statements available in C.
5. What is an Array? Explain different types of arrays with examples.
6. What is a string? Explain various string handling functions available in C.
7. Define a function. Explain the passing parameter mechanism.
8. Explain about Structure with syntax and example in detail.
9. Define and use of a pointer and write a 'C' program on swapping of two numbers using pointers.
10. Explain dynamic memory allocation in detail.

Note: Paper Setter must select TWO short questions and TWO essay questions from each unit.

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12/2/2021

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