



RAN-2411001001011001

B. Sc. (Computer Science) (NCF-NEP) (Sem. - I) Examination March - 2026

Major-CS-104- Programming in “C” (Paper - 104)

Time: 1 Hours]

[Total Marks: 25

સૂચના : / Instructions (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fill up strictly the above details on your answer book	Seat No.: <table border="1"> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> Student's Signature						

Q. 1. (A) Answer the followings. (Any Four)

04

- C programs are converted into machine language with the help of _____.
a) An Editor
b) A compiler
c) An operating system
d) An Interpreter
- An array elements are always stored in _____ memory location.
a) Random
b) Sequential
c) Both a and b
d) none of these
- By default a function returns a value of _____ type.
a) int b) char c) void d) none of these
- How do you read a character from a file in C?
a) getc () b) readchar() c) read() d) getchar()
- The scope of a variable declared inside a function is _____.
a) Local to the function
b) Global
c) Static
d) Automatic

(B) Answer the followings in short. (Any Four)

04

- What is header file? Why it is necessary to include in a program?
- Define union. How it is differ from Structure?
- What is the main purpose of branching statements?
- What is keyword? List name of any three keywords.
- What is difference between ++a and a++?

Q. 2. Answer the following questions in detail.

- (A) What is pointer? How can we declare and initialize pointer variable? Explain with syntax and example. Discuss benefits of pointer. **07**

OR

- (A) Write differences between Array and Structure. Also explain how can we access individual members of a structure? **07**

- (B) What is looping? Explain FOR loop by giving proper example. **05**

Q. 3. Answer any one.

05

- (A) Write a detailed note on UDF.
(B) Write a note on goto statement also give example.
(C) Explain typedef with proper example.
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