

RAN-2411001001011001 / 2311001001010011
B.Sc. (Computer Science) (NCF-NEP) (Sem. - I) Examination November - 2025
Major-CS-104-Programming in “C” (Paper - 104)
Time: 1 Hour]
[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.:

--	--	--	--	--	--

Student's Signature

Q.1. (A) Answer the followings. (Any Four)
(04)

- The 'continue' statement is used _____.
 a) to go to the next iteration in a loop
 b) to come out of a loop
 c) to exit and return to the main function
 d) to restarts iterations from beginning of loop
- Array is _____ datatype.
 a) Fundamental datatype b) Derived datatype
 c) User defined datatype d) None of the above
- Arguments passed to a function in C language are called _____ arguments.
 a) Formal arguments b) Actual arguments
 c) Ideal arguments d) Default arguments
- What is the first argument of fopen()?
 a) File opening mode
 b) A character string containing file pointer
 c) A character string containing the name of the file
 d) A character string containing the name of the user
- Select the correct one how to call a function in C?
 a) Using the return statement
 b) Using the function name followed by parentheses
 c) Using the for loop
 d) Using the printf statement

(B) Answer the followings in short. (Any Four)
(04)

- Define pointer. How can we declare pointer?
- How can we compare two structure variables?
- What do you mean by double subscripted variable? Give example.
- Explain the functions fseek() and ftell(). Give example.
- What do you mean by function prototype?

Q.2. Answer the following questions in detail.

- (A) What do you mean by UDF? Explain it with advantages. Give proper example. **(07)**

OR

- (A) What are the differences between array and structure? Explain one dimensional array with example. (07)
- (B) What is the use of switch statement? Explain in details with example. (05)

Q.3. Answer any one.

- (A) Write a note on Recursive function. (05)
- (B) Explain Array of Pointer. Give example.
- (C) Write a detailed note on Library function.
-