

Course	: BCA	Date	: 15/07/2026
Subject Code	: BCAMA-101/BCAOL-101	Time	: 11:30am to 01:45pm
Subject Name	: Fundamental of Programming using C language	Duration	: 02.15 Hours
		Max. Marks	: 70

Answer the following (Attempt any three) (30)

- Answer the following (Attempt any four) (20)**

- Part – A (Multiple Choice Questions) (10)**

- Which function marks the starting point of execution in a C program?
A begin() B execute()
C main() D start()
- Which of the following is a valid hexadecimal integer constant?
A 123H B 0xAF2
C 2X45 D AF12
- Which escape sequence moves the cursor to the next line?
A \t B \b
C \r D \n
- Which loop always executes its body at least once?
A do...while B for
C while D Nested loop
- What is the index of the first element of an array in C?
A 1 B -1
C 0 D Depends on compiler

- 6 Which keyword is used to return a value from a function?
A exit B return
C value D break
- 7 Which operator is used to access a structure member?
A :: B .
C -> D #
- 8 Which pointer value indicates that it points to nothing?
A VOID B ZERO
C NULL D EMPTY
- 9 Which function closes an opened file?
A fclose() B closefile()
C endfile() D fclose()
- 10 Which file opening mode is used to append data at the end of an existing file?
A r B w
C a D rw

Part – B

(10)

State whether the following statements are true or false

- 1 C is considered a middle-level programming language.
- 2 The EOF indicator represents the beginning of a file.
- 3 Files should be closed after all file operations are completed.
- 4 Pointer arithmetic is allowed in C.
- 5 Pointers can store the memory address of variables.
- 6 A union stores all of its members simultaneously in separate memory locations.
- 7 Functions in C cannot receive arrays as arguments.
- 8 Strings in C are terminated by the null character (\0).
- 9 The assignment operator compares two values for equality.
- 10 Unsigned integer variables can store negative values.
