



BRAINWARE UNIVERSITY

Term End Examination 2024-2025

Programme – B.Tech.(CSE)-2024/B.Tech.(CSE)-AIR-2024/B.Tech.(ME)-2024

Course Name – Programming for Problem Solving

Course Code - BES00006

(Semester I)

Library
Brainware University
398, Ramkrishnapur Road, Barasat
Kolkata, West Bengal-700125

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Select the correct way to assign char value is (say char x;)
 - a) `x=\"c\"`
 - b) `x='c'`
 - c) `x= c`
 - d) one of these
- (ii) Select the size of data type int in byte/s (16 bit compiler)
 - a) 1
 - b) 2
 - c) 3
 - d) 4
- (iii) Select the correct declaration of a pointer.
 - a) `int *var1;`
 - b) `char * var1;`
 - c) `int var1*;`
 - d) `int &var1;`
- (iv) Select the correct option: a pointer value refers to
 - a) A float value
 - b) An integer constant
 - c) Any valid address in memory
 - d) None
- (v) Select the keyword that is used to prevent any changes in the variable within a C program
 - a) immutable
 - b) mutable
 - c) const
 - d) volatile
- (vi) Select the correct declaration an array of pointers in C.
 - a) `dataType *arrayName[size];`
 - b) `dataType arrayName*[size];`
 - c) `dataType[size] *arrayName;`
 - d) `*dataType arrayName[size];`
- (vii) Select the way, the Elements of an array are stored in
 - a) contiguous manner
 - b) non-contiguous manner
 - c) random manner
 - d) All of these
- (viii) Choose the way, the String in C is declared within
 - a) `' '`
 - b) `" "`
 - c) `[]`
 - d) `< >`

