

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Voc (Hardware & Networking)(Sem.-4)
OBJECT ORIENTED PROGRAMMING USING C++

Subject Code : BVHN-403-18

M.Code : 77482

Date of Examination : 11-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

1. Write briefly :

- (a) Explain hierarchical inheritance.
- (b) What is a class?
- (c) What is an interpreter?
- (d) What is the use of destructor?
- (e) What is a protected access?
- (f) Explain operators in C++.
- (g) What do you mean by term “*file handling*”?
- (h) What is a friend function?
- (i) Explain operator overloading.
- (j) What is an array?

SECTION-B

2. Explain the various derived data types.
3. Differentiate between 'C' and 'C++'.
4. Explain various control structures in detail. Explain with the help of a program in C++.
5. What is the use of 'call by reference'?
6. Explain function overloading with the help of a C++ program.

SECTION-C

7. What are the different forms of inheritance? Give an example of each using a C++ Program.
8. Where do we use polymorphism?
9. (a) Explain the user defined data types in detail.
(b) Why is an array called a derived data type?

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.