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.