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Total No. of Pages : 02

Total No. of Questions : 09

PGDCA (2018 Batch) (Sem.-I)

PROGRAMMING IN C++

Subject Code : PDCA-102

M.Code : 50502

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. Answer briefly :

- a) Define Keyword.
- b) What is meant by Data Type?
- c) What is the syntax of if-else statement?
- d) Discuss briefly about structure and its declaration.
- e) What is meant by an object?
- f) Differentiate private and public scope resolution.
- g) Comment on Inheritance.
- h) What is polymorphism?
- i) Describe the usage of address operator in C++.
- j) Define the operation of opening a file in File Management.

SECTION-B

2. What are formatted statements? Explain different operators available in C++.
3. Discuss the usage of break and continue statements.
4. Explain the concept of early binding.
5. What are multidimensional arrays? Explain.
6. Discuss the error handling during I/O operations in C++.

SECTION-C

7. Explain the following :
 - a) Switch Statement
 - b) Accessing class data members
8. a) Explain the relationship between base and derived class by taking an example.
b) What is pure virtual function? Explain.
9. Discuss the following :
 - a) Random Access Files
 - b) Types of Inheritance

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