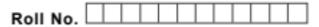


www.FirstRanker.com

www.FirstRanker.com



Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(IT) (2018 Batch) (Sem.-3) OBJECT ORIENTED PROGRAMMING Subject Code : BTIT-302-18 M.Code : 76392

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

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

SECTION-A

1. Answer briefly :

- a. What is the use of copy constructors?
- b. What is the use of default constructors?
- c. Why are classes in CPP called Abstract Data Types?
- d. What is a virtual class?
- e. What is a friend functions?
- f. How are structures different from a class?
- g. What is meant by dynamic initialization of a variable?
- h. What are the advantages of polymorphism?
- i. What are the advantages of scope resolutor?
- j. Explain the difference between abstraction & data hiding.

1 M-76392



FirstRanker.com

www.FirstRanker.com

SECTION-B

- Write a program to copy the content of a data file to another file.
- 3. How are Constructors invoked in derived classes? What is a parameterised constructors?
- 4. How does a compiler proceed to execute an overloaded operator?
- 5. What are virtual functions & virtual constructors? Give relevant examples to explain.
- 6. How are friend functions different from member functions of a class? What is the difference between derivation & friendship?

SECTION-C

- 7. What do you understand by inheritance? What are the different types of inheritance?
- Write a program in C++ to overload the +, -, operator to find the addition, subtraction, of strings.
- 9. Why is it necessary for constructors to know the order to declaration in base class while destructors need not know the same? What actually happens when a destructor is invoked?

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.

