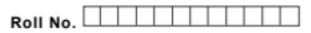


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Total No. of Pages : 02

Total No. of Questions : 18

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 :

- 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

Answer briefly :

- 1. What is the use of constructors?
- 2. How is (ios::app) mode different from (ios::ate mode)? anker
- 3. What is function overloading?
- What is a virtual class? 4
- 5. What is a friend functions?
- How is object different from a class? 6.
- 7 What is meant by initialization of a variable?
- 8. What is polymorphism?
- 9. What is advantage of scope resolution operator?
- Explain the difference between abstraction & data hiding.



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SECTION-B

- Explain how memory is allocated to classes & objects?
- 12. How are destructors invoked in derived classes?
- 13. What is the overloading of function? How does a compiler execute an overloaded function?
- 14. What are the various access mechanisms available for inheritance?
- 15. Why is it necessary for constructors to know the order to declaration in base class?

SECTION-C

- 16. What are the steps in the design of a program using object oriented techniques.
- 17. What are the various File Opening modes? Explain various file pointer manipulators available in CPP. Mention various file error handling functions available in CPP.
- at of two data Write a program to copy the content of two data file to third file. Make use of the 18. exception handling conditions also.

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.

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