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Code No. : 14507TS O

VASAVI COLLEGE OF ENGINEERING (Autonomous), HYDERABAD
B.E. (Mech. Engg.) II Year II-Semester Old Examinations, May-2018

Finishing School: Technical Skills-II

Time: 1½ hours

Max. Marks: 35

Note: Answer ALL questions in Part-A and any FIVE from Part-B

Part-A (10 × 2 = 20 Marks)

1. Tell the syntax of inline function.
2. Compare public and private members of a class.
3. Define operator overloading.
4. Compare public, protected and private mode of inheritance.
5. List the advantages of function template concept.

Part-B (5 × 5 = 25 Marks)

6. a) Develop the program to find sum of two numbers using C++. [4]
b) List the advantages of scope resolution operator. [1]
7. a) Tell the syntax of class. [2]
b) Explain the constructor concept with an example program. [3]
8. a) Demonstrate the operator overloading concept using a program. [4]
b) List the advantages of operator overloading concept. [1]
9. a) Explain simple inheritance concept. [4]
b) Tell the syntax of multiple inheritance. [1]
10. a) Develop the program by using exception handling concept. [4]
b) List the some of the exceptions. [1]
11. a) Demonstrate function overloading concept. [3]
b) Tell about constant member function. [2]
12. Answer any *two* of the following:
a) Demonstrate overriding concept with an example. [2½]
b) Explain about polymorphism concept. [2½]
c) Tell the syntax of class template concept. [2½]

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