Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 21377

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2015.

Third Semester

Computer Science and Engineering

CS 2203/CS 35/CS 1202/080230004/10144 CS 304 – OBJECT ORIENTED PROGRAMMING

(Common to Information Technology)

(Regulations 2008/2010)

(Common to 10144 CS 304 – Object Oriented Programming for B.E. (Part–Time) First Semester – CSE – Regulations 2010)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Define volatile functions.

2. What is a nested class?

3. Define default constructor.

4. What is operator overloading?

5. What is uncaught exception?

6. Define exception handling.

7. Define down casting.

8. What is an abstract class?

9. Define namespaces.

10. What is random access?

PART B — (5 × 16 = 80 marks)

11. (a) Write about the inheritance with examples.

Or

(b) Describe the function overloading and friend functions.

12. (a) Describe the constructor with dynamic allocation.

Or

(b) Explain the overloading the assignment operator with examples.

13. (a) Describe the terminate and unexpected functions with examples.

Or

(b) Explain the try-catch-throw paradigm with examples.

14. (a) Explain the composite objects run time polymorphism.

Or

(b) Describe RTTI and templates with examples.

15. (a) Describe streams and formatted I/O with suitable examples.

Or

(b) Illustrate standard templates library with suitable example.

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