Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 41147

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2013.

Fifth Semester

Computer Science and Engineering

080230021 — JAVA PROGRAMMING

(Regulation 2008)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is an Object and how do you allocate memory to it?

2. Difference between a constructor and a method.

3. What are the category or visibility of class member?

4. Write about the general form of interface.

5. What are the uses of try and catch statement?

6. List out the different states of thread.

7. Write about the syntax of applet tag.

8. What is an Iterator?

9. Define debugging.

10. What is string tokenizer constructor?

PART B — (5 × 16 = 80 marks)

11. (a) (i) What is the use of Iteration? Describe the Iteration statements in java with an example.   (8)

    (ii) How Java is a Object Oriented language? Justify your answer.   (8)

Or

    (b) (i) Explain about the nested classes and Inner classes in Java.   (8)

    (ii) What is finalize() method and final keyword? Explain with example.   (8)

12. (a) (i) What is multilevel Hierarchy? Explain in detail. (8)

    (ii) Describe method overriding with an example. (8)

Or

(b) (i) How to implement an interfaces? Write an example. (8)

    (ii) How to extract a character in Java? Explain with an example. (8)

13. (a) (i) Explain Nested try statements with an example. (8)

    (ii) Describe about the thread model in JAVA. (8)

Or

(b) (i) Explain about the throw and finally statements. (8)

    (ii) Describe about Character stream

    (1) Reader and Writer

    (2) File Reader and File Writer. (8)

14. (a) (i) How to pass a parameter to the applet in JAVA? Give an example.
    (8)

    (ii) Explain about the Legacy classes and Interface. (8)

Or

(b) (i) Describe about the Collection classes and Collection interfaces. (8)

    (ii) Explain in detail about the Event classes. (8)

15. (a) (i) Explain TimeZone in detail with an example. (8)

    (ii) Describe calendar methods with an example. (8)

Or

(b) (i) How to test an application in JAVA? Give example. (8)

    (ii) Describe about the Real time application development. (8)

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