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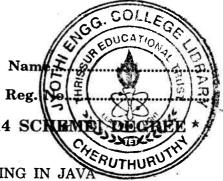
Name.....................

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FOURTH SEMESTER B.TECH. (ENGINEERING) [14 SCHEME] DEGREE EXAMINATION, APRIL 2016

CS/IT 14 404—OBJECT ORIENTED PROGRAMMING IN JAVA

Time : Three Hours

Maximum : 100 Marks

Part A

1. What are objects and classes with example ?

2. Define exception with example.

3. Explain about dynamic binding.

4. Compare Abstract classes and Interface.

5. Describe about the Interthread communication.

6. Define about thread priority with example.

7. Discuss about Advanced connection management.

8. Explain Remote method Invocation.

9. Discuss about the features of multithreaded programming in Java.

10. Write short notes on interfaces in Java.

(8 × 5 = 40 marks)

Part B

11. Explain briefly about the object oriented concepts with neat diagram.

Or

12. Differentiate String class and String Buffer class with explanation of its methods.

13. Write an applet that contain three buttons OK, CANCEL and HELP and one textfield. If OK is pressed shown on the status bar—"OK is pressed" and the text field should turn red. When CANCEL is pressed-shown on the status bar—"CANCEL is pressed" and text field should turn green. When HELP is pressed shown on the status bar—"HELP is pressed" and the text field should turn yellow.

Or

14. Explain the working of abstract classes with an example.

Turn over

15. How is file management done in Java ? Give an example.

Or

16. Explain the following with examples : (i) Thread synchronization ; (ii) Creating thread.

17. Write short notes on Design of JDBC and SQL.

Or

18. What is Remote Method Invocation ? Explain with example.

(4 × 15 = 60 marks)