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**5395**

Register Number:

Name of the Candidate:

**B.Sc. DEGREE EXAMINATION December 2014**

**(COMPUTER SCIENCE)**

**(THIRD YEAR)**

**310/320. INTERNET AND JAVA PROGRAMMING**

**(Common to DD,BCA and L.E)**

Time: Three hours

Maximum: 100 marks

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**SECTION – A**

**(8× 5 = 40)**

**Answer any EIGHT questions**

1. What is Internet? How does it differ from Intranet?
2. What is WWW? Name any three security issues in internet.
3. Why Java is so popular? What are the types of OOps languages?
4. Write a Java program to print pascal triangle.
5. List at least five major C++ features that were internationally removed from java.
6. How reusability is achieved in Java? Explain with examples.
7. What is exception? How exception is handled in Java?
8. What is the output  
{  
    Float f1=new Float("4 4e99f");  
    Float f2= new float("-4.4e99f");  
    Double d1=new double("4.4e99");  
    system.out.println(f1)  
    system.out.println(f2)  
    system.out.println(d1)  
}
9. What is an Applet? What are the life cycle of an applet?
10. Explain briefly about Swing in Java.

**SECTION - B****Answer any THREE questions (3× 20 = 60)**

11. a) Discuss the various services provided by Internet.  
b) Explain about FTP in detail.
12. a) What are the features of Java language? Explain in detail.  
b) Write a Java program to perform any two matrix operations in Java.
13. Design and develop an application using inheritance concept in Java.
14. Explain any 10 string functions in Java with examples.
15. Explain about layout managers in Java with examples.

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