Reg. No. : | | | | | | | | | |

Question Paper Code: 34023

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2017

Fourth Semester

Computer Science and Engineering

01UCS403 – JAVA PROGRAMMING

(Common to Information Technology)

(Regulation 2013)

Duration: Three hours   Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. What are the uses of SUPER keyword?

2. Differentiate between break and continue statement.

3. What are proxies? How are they advantageous?

4. How an interface is differing from class?

5. What is use of finally block in exception handling?

6. What is the use of FINALLY keyword in Java?

7. What is container class?

8. What are events?

9. Define marshaling and un-marshaling.

10. What is JDBC?

PART - B (5 x 16 = 80 Marks)

11. (a) What is the use of THIS keyword? Explain with example.   (16)

Or

(b) Explain different types of array used in Java with neat syntax. (16)

12. (a) Write a Java program that implements multiple inheritance using interface. (16)

Or

(b) What did you mean by polymorphism? Explain how run-time polymorphism is achieved in java with example. (16)

13. (a) Write a java program to implement producer-consumer problem using thread synchronization. (16)

Or

(b) Explain various exception handling mechanisms available in Java with neat example. (16)

14. (a) Explain in detail about AWT event hierarchy model. (16)

Or

(b) Explain various controls for layout management in detail. (16)

15. (a) What is object serialization? Explain with example. (16)

Or

(b) Write a Java program to copy the contents from one file into another. (16)

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