Code: 13A05403

R13

B.Tech II Year II Semester (R13) Regular & Supplementary Examinations May/June 2016
JAVA PROGRAMMING
(Common to CSE and IT)

Time: 3 hours
Max. Marks: 70

PART - A
(Compulsory Question)
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1   Answer the following: (10 X 02 = 20 Marks)
  (a)   What is JIT?
  (b)   Write short note on JDK.
  (c)   What is type conversion in java?
  (d)   What is constructor?
  (e)   What is super keyword?
  (f)   What is wrapper?
  (g)   Define multithreaded programming.
  (h)   List the inetaddress class methods.
  (i)   Define cookies.
  (j)   What is socket?

PART - B
(Answer all five units, 5 X 10 = 50 Marks)

[**UNIT - I**]

2   Explain working of java virtual machine (JVM) also explain how java is architectural neutral.

OR

3   Explain data types in java.

[**UNIT - II**]

4   What is inheritance? Explain the different types of inheritance supported by java with example program.

OR

5   Explain the constructor and method overloading in java.

[**UNIT - III**]

6   What is exception handling? Explain how exceptions are handled in java programming.

OR

7   Explain the process of reading the contents of a file by using file input stream class in java with suitable program.

[**UNIT - IV**]

8   Define multithreading. Explain with an example of an application that needs multithreading.

OR

9   What is TCP? Explain the process of creating TCP connections in client and server side in java programming.

[**UNIT - V**]

10   What is swing component? Explain any three components of swing with syntax.

OR

11   How to create a main menu by using swings with suitable program?