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SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act,1956)

Course & Branch :B.Tech - IT

Title of the Paper :Programming in Java

Sub. Code :412504-512504

Date :06/11/2009

Max. Marks :80

Time : 3 Hours

Session :FN

PART - A

(10 x 2 = 20)

Answer ALL the Questions

1. List the four Integer types supported by java.
2. What is JVM?
3. With an example explain an abstract data type.
4. What is the use of this keyword?
5. What is Applet?
6. What is HTML?
7. What is AWT?
8. What is Event Handling?
9. What is Exception?
10. What are Stream Classes?

PART – B
Answer All the Questions

(5 x 12 = 60)

11. Explain in detail about the features of Java.
(or)
12. Explain in detail about control statements with examples.
13. Write a Program in Java to find the area of shapes (Circle, Square) using Interfaces.
(or)
14. Explain in detail about Multithreading concept with suitable example.
15. Explain in detail about the software components needed for executing Java programs.
(or)
16. What are the different methods for running Java Applet? Explain in detail.
17. Write short notes on:
 - (a) Frame Windows (6)
 - (b) Layout Managers (6)(or)
18. Explain in detail about the Mouse Events with suitable example.
19. What are Exception Types? Write a Program in Java to handle following exceptions.
 - (a) Predefined Exceptions.
 - (b) User-defined Exceptions.(or)
20. Write a program in Java to read and update the contents of a file.