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SVIS 350 A-2K12
B.Sc. VIth Semester Degree Examination
Computer Science
Java and Internet Programming
Paper - CS - 602

Time : 3 Hours

Maximum Marks : 80

Section - A

I. Answer all questions.

(15×1=15)

- 1) List different Web browsers.
- 2) Define class.
- 3) Define Exception
- 4) What is polymorphism?
- 5) Expand HTML, XML.
- 6) _____ is an instance of a class.
- 7) How to declare constants in Java
- 8) What is internet.
- 9) What are the types of separators available in Java?
- 10) How symbolic constants are declared in Java?
- 11) What is LAN?
- 12) Define Web page.
- 13) Define Multi threading.
- 14) List Java API packages.
- 15) What is an applet?

Section - B

II. Answer any five questions

(5×5=25)

- 16) How Java is platform independent? Justify.
- 17) Explain Java virtual machine.
- 18) What is a constructor? Write a Java program to illustrate constructor.
- 19) Write a Java program to illustrate the concept of single inheritance.
- 20) Write a Java program to add two matrices.
- 21) Write the steps to create applets in Java.
- 22) Write a note on electronic mail.

Section - C

III. Answer any four questions.

(4×10=40)

- 23) What is an array? What are the types of arrays? Explain the creation of arrays with example.
- 24) Write a note on
 - a) Network communication devices.
 - b) File and print services.
- 25) Explain the general structures of a Java program.
- 26) What is inheritance? Explain different forms of inheritance with an example for each.
- 27) What are the networking capabilities? Explain LAN, WAN and MAN.
- 28) What is multi threading? Explain the life cycle of a thread.