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**SVIS- 316 A-17**  
**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 the following questions :

(15 × 1 = 15)

- 1) What is JVM?
- 2) Why Java is suitable for Internet?
- 3) Write the basic form of class definition.
- 4) What is the difference between function and method?
- 5) Define constructor.
- 6) What is a final variable?
- 7) Define Interface
- 8) What is Multithreading?
- 9) What is Abstract class?
- 10) Define exception.
- 11) What is an Applet?
- 12) Expand http and HTML.
- 13) Define Browser.
- 14) What is Internet?
- 15) Name any two search engines.

**Section - B**

**II** Answer any **FIVE** of the following questions.

**(5 × 5 = 25)**

- 16) Explain the features supported by Java.
- 17) Discuss the primitive data types in Java.
- 18) How Multiple Inheritance is implemented in Java? Explain.
- 19) What is vector? How it is different from an array.
- 20) Explain with an example, the mechanism of Exception handling.
- 21) Explain how applets are differs from stand - alone programs.
- 22) Write a Java program to check the given number is even or odd.

**Section - C**

**III** Answer any **FOUR** of the following questions.

**(4 × 10 = 40)**

- 23) What is unconditional branching? Explain the various types of If statements in Java.
- 24) Explain method overloading and method overriding. Give an example for each.
- 25) What is thread? Explain its life cycle.
- 26) Write a Java program to implement Interface.
- 27) What is a package? Explain the method of creating a package. Give an example.
- 28) What are the networking capabilities? Explain LAN, WAN and MAN.

