

## **Chap 1: Basic Syntactical Constructs In Java**

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| 1. State and explain any four features of Java.  | S17/S18 |
| 2. Explain any two relational operators in Java with example.  | S17     |
| 3. Write all primitive data types available in Java with their storage sizes in bytes.   | S17     |
| 4. Why java became platform independent language? Explain.   | W17     |
| 5. Explain following terms related to Java features.<br>i) Object Oriented ii) Compiled and interpreted.                                 | W18     |
| 6. List any eight features of Java.  | S19     |
| 7. Explain the concept of platform independence and portability with respect to Java language.   | S19     |
| 8. Explain the types of constructors in Java with suitable example.  | S19     |
| 9. List the standard default values of each data type.   |         |
| 10. Explain features: (i) Platform Independence (ii) Robust (iii) Dynamic (iv) Object oriented   |         |
| 11. Explain robust and secure feature of java.   |         |
| 12. Explain the use of ternary( ? :) operator with example.  |         |
| 13. Write a program to find out sum of even and odd numbers. Use suitable range.   |         |
| 14. Write a java program to implement visibility controls such as public, private, protected access modes. Assume suitable data, if any. |         |
| 15. Explain following bitwise operator with an example :<br>(1) left shift operator<br>(2) write shift operator                          |         |
| 16. Explain Array list & Iterator methods of collections with an example.  |         |
| 17. Explain following terms related to Java features.<br>(i) Object oriented<br>(ii) Compiled and interpreted                            |         |
| 18. Write a program to find greater number among two numbers using conditional operator.   |         |