

THE BSS SCHOOL
SUBJECT: COMPUTER APPLICATIONS
CLASS IX
2026-27

UNIT TEST

1. Introduction to Object Oriented Programming Concepts – principals, introduction to Java.
3. Identifiers and Literals

INTERNAL ASSESSMENT : Java assignments

HALF-YEARLY EXAMINATION

2. Elementary Concept of Objects and Classes-Tokens, Constants and Variables, Data types, type conversions.
4. Operators in Java – Arithmetic, relational, logical. Unary, binary and ternary operators
5. Basic structure of a class in java
6. Data processing in Java - Input streams (Scanner Class), types of errors, types of comments input stream – data entry during execution – using Scanner class
7. Mathematical Library Methods
8. Conditional statements in Java

INTERNAL ASSESSMENT : Java assignments and Project (Ethical computing)

FINAL EXAMINATION

9. Looping / Iterative statements in Java Defining looping statements along with its types, entry-controlled loops [for, while], exit controlled loop [do while], break and continue.
10. Nested for loops -Practice programs based on nested for loops (combination of two loops) [square, rectangular, triangular [right angled triangle only] patterns using numbers and characters], series calculations and display. (Nested while and nested do while are exempted.)
11. Ethical computing Ethical Issues in Computing.(* Project on this topic).

Full syllabus

**** (Subject to change.)**