

**THE BSS SCHOOL**  
**SUBJECT: COMPUTER APPLICATIONS**  
**CLASS X**  
**2026-27**

**UNIT TEST**

Chapter 6 : Object and classes - access specifiers, class variables and methods, instance variables, local variables, this keyword. Conditional statements and loop from class IX.

**INTERNAL ASSESSMENT :**      Java assignments

**HALF-YEARLY EXAMINATION**

Chapter 2 : Library classes

Chapter 3 : Arrays (single and double dimension) - declaration, creation, different operations on single dim arrays (bubble sorting, selection sort, linear and binary searching), operations on 2-dim arrays

Chapter 4 : String handling - String class, string functions

Chapter 6 : Object and classes - access specifiers, class variables and methods, instance variables, local variables, this keyword

**INTERNAL ASSESSMENT :**      Java assignments and case studies

**REHEARSAL EXAMINATION**

Chapter 5 : User - defined methods - declaring, defining, calling, parameters, call by value, call by reference, method overloading

Chapter 7 : Constructors - need of constructors, features, types, calling, constructor overloading

Chapter 8 : Encapsulation and Inheritance - data hiding, scope of variables, inheritance, visibility mode of inheritance, types of inheritance

Chapter 1 : Revision of Class IX

Full syllabus

Solving model test papers

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