III Semester B.Sc. Degree Examination, April/May 2023
(NEP Scheme)
COMPUTER SCIENCE
DSC3 : Object Oriented Programming Concepts and
Programming in Java

Time : 2½ Hours

Max. Marks : 60

*Instruction : Answer **all** the Sections.*

SECTION – A

I. Answer **any six** questions. **Each** question carries **2** marks.   (6×2=12)

1) What is JVM ?

2) What is Keyword ? Give an example.

3) Mention any two string class methods.

4) What is super keyword ?

5) What is inheritance ?

6) What is Interface ?

7) What is Label ?

8) What is the use of Scroll bar ?

9) What is a stream ?

SECTION – B

II. Answer **any four** questions. **Each** question carries **6** marks.   (4×6=24)

10) Explain any two looping statements in Java.

11) What is an array ? Explain any two array methods.

12) Write a note on objects and classes in Java.

13) Write a note on Packages in Java.

P.T.O.

14) Explain the following with example :

    a) Check Box

    b) List Box.

15) Write a note on Java Beans.

SECTION – C

III. Answer **any three** questions. **Each** question carries **8** marks.   **(3×8=24)**

16) Explain the features of Java.   **8**

17) What is constructor ? Explain types of constructors with example.   **8**

18) a) Write a note on Polymorphism.   **4**

    b) Difference between Overloading and Overriding.   **4**

19) Explain Applet Life Cycle with neat diagram.   **8**

20) a) What is Java collection Framework ?   **4**

    b) Write a note on exception handling in Java.   **4**

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