II Semester B.C.A. Degree Examination, August/September 2023
(NEP Freshers and Repeaters)
COMPUTER APPLICATION
CAC 05 : Object Oriented Concepts Using Java

Time : 2½ Hours

Max. Marks : 60

Instruction : Answer **all** the Sections.

SECTION – A

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

1) What is JDK ?

2) Define class.

3) What is finalizer ?

4) What is an Inheritance in Java ?

5) What is an overriding ?

6) What is a panel ?

7) What is a Menu ?

8) What is swing ?

9) What is a stream ? Mention its types.

SECTION – B

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

10) Explain the features of Java.

11) What are constructors ? Explain parameterized constructor with an example.

12) Explain creating and extending interface with an example.

13) Explain mouse events with example.

P.T.O.

14) Explain the following with example :
   i) Radio button.   3
   ii) Combo box.   3

15) Write a note on binary I/O classes.

SECTION – C

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

16) Explain any four types of operators in Java.

17) Write a note on String class.

18) Write a note on packages in Java.

19) Explain the following :
   a) Flow Layout.   4
   b) Grid Layout.   4

20) Explain the Life cycle of thread with a neat diagram.

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