

II Semester B.C.A. Degree Examination, August/September 2023  
(NEP Freshers and Repeaters)  
COMPUTER APPLICATION

CAC 05 : Object Oriented Concepts Using Java

Max. Marks : 60

Time : 2½ Hours

Instruction : Answer **all** the Sections.

SECTION – A

I. Answer **any 6** questions. **Each** question carries **2** marks. (6x2=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.

(4x6=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.

DCCA - 202

14) Explain the following with example :

- i) Radio button.
- ii) Combo box.

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

3

3

SECTION - C

III. Answer any 3 questions. Each question carries 8 marks.

(3x8=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.
- b) Grid Layout.

4

4

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

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