

2111000306020084
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (SIXTH SEMESTER)
COMPUTER SCIENCE-IX (PAPER-604-JAVA
PROGRAMMING-II) - LEVEL 2

[Time: As Per Schedule]

[Max. Marks: 50]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination: **BACHELOR OF SCIENCE (SIXTH SEMESTER)**
 - b. Name of the Subject: **COMPUTER SCIENCE-IX (PAPER-604-JAVA PROGRAMMING-II) - LEVEL 2**
 - c. Subject Code No: **2111000306020084**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Answer the following.

14

- 1) What is the significance of sleep ()?
- 2) How to run applet programs?
- 3) List methods of Button class.
- 4) Define callable statement.
- 5) What is scriplets?
- 6) Define event listeners.
- 7) What is Java database connectivity?

Q.2 Answer the following.

12

- 1) Highlight the distinction between Java applets and applications.
- 2) Describe the process of thread synchronization with example.

OR

- 1) What is the significance of AWT packages? Explore the importance of AWT in creating Java-based graphical interfaces.
- 2) Explain the concept of layout managers.

Q.3 Answer the following.

12

- 1) Explain Choice class with its methods using example.
- 2) Discuss various Graphics class methods.

OR

- 1) Discuss the purpose and usage of directives in JSP, highlighting their impact on the structure and behavior of JSP pages.
- 2) Describe response and request object of java servlets.

Q.4 Answer the following. (Any two)

12

- 1) Outline the different phases of JSP life cycle and elaborate on the purpose of each phase.
- 2) Describe statement object with example.
- 3) Explain applet life cycle.
