

EXAMINATION : MAY - 2026
SEMESTER - VI
Sub: Advanced Java (BCA-641-20/BCA23-601/BCA-CS-641-20/BCAC23-601)

Time: 10.00am to 12.30 pm

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagrams wherever necessary.

(05)

- (05)**

- $1/2$

Q.3. Answer the following. (Solve any 5) (10)

1. What is model in MVC?
2. What is JColorChooser?
3. What is network protocol?
4. What is light weight component?
5. What is JButton?
6. What is linkedHashSet in Java?

Q. 4. Answer the following in detail. (Solve any 6) (30)

1. Explain JDBC in detail.
2. What are cookies?
3. What are the advantages of using Swing over AWT?
4. What is HashSet? Give one example.
5. Explain in detail MVC Architecture.
6. Draw diagram of Hierarchy of the Collection Framework in Java
7. Explain Servlet in detail.

Q. 5. Answer the following in detail. (Solve any 1) (10)

1. Write in detail 2 tier and 3 tire model
 2. Explain different tags used in JSP?
-