

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION : DECEMBER - 2024
SEMESTER - III
Sub: Advanced Java (MSC -303 -22)

Date : 28/12/2024

Total Marks : 60

Time: 2.00 pm To 4.30 pm

Instruction:

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 diagram wherever necessary.

Q. 1. Answer the following in 2-3 lines. (Any 5) (10)

1. Explain JSP Scriptlet tag.
2. Explain JDBC-ODBC Bridge Driver.
3. What is servlet?
4. Explain use of skeleton from RMI
5. What is 3 tier model in JDBC
6. Explain session tracking.
7. Write a short note on java beans.

Q. 2. Answer the following in short. (Any 4) (20)

1. Explain JDBC drivers in java.
2. Write a short note on MVC architecture.
3. Distinguish between doGet() and doPost() method.
4. Write a short note on cookies
5. Explain lifecycle of JSP in details.
6. Write a short note on Resultset.

Q. 3. Answer the following in detail. (Any 3) (30)

1. Explain RMI architecture with diagram.
2. Write a jdbc program to display records of employee.
3. Write a short note on JDBC architecture.
4. Write a short note on servlets. Explain types of it.

- Write a JSP program to create a student registration form to collect information (roll number, name, email id, gender, class, username, and password) and display the values entered by the user in another page.