

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

Date : 31/05/2024

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. What are the features of swings?
2. What is JVM?
3. What RMI Client.
4. Briefly explain JDBC Library
5. Why the word 'Combo' is used in JComboBox
6. Explain constructor of JTextField and JTextArea
7. What is package?

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

1. Write in detail about Swing
2. Write in detail about MVC Architecture
3. Write in detail about JDBC
4. Write in detail about Sockets
5. Write in detail about cookies
6. Write in detail about AWT

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

1. Explain the Servlet Life Cycle in detail.
 2. What are cookies explain in detail
 3. Explain the need, benefits and advantages of JSP
 4. What is Java Beans explain in detail
 5. Explain Java collection framework with advantages
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