

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION : DECEMBER -2022
SEMESTER - III
Sub: Advanced Java (MSC -302 -19)

Date : 16/12/2022

Total Marks : 60

Time: 10.00 am to 12.30 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.*
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Q. 1. Answer the following in 2-3 lines. (Any 5) (10)

1. What is basic concept of OOP?
2. What is JApplet?
3. What is JLabel?
4. What is JPanel?
5. What is Cookies?
6. What is Java Component Model?
7. What is JavaBeans?

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

1. Explain Object and Classes?
2. What is Polymorphism?
3. What is inheritance?
4. What is thread property?
5. What is exception?
6. What is AWT?

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

1. Write in details about Java features
2. Write in details about operators in Java
3. Write in detail about Decision Making and Branching in Java
4. Write in Detail about Java Servlet
5. Write in Detail about RMI