

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION : MAY-2024
SEMESTER - III

Sub: Android Programming (MSC -302 -22)

Date : 30/05/2024

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. Which type of intent is used to navigate from activity to another activity?
2. What is a fragment in android?
3. When to use ArrayList instead of Array?
4. What is LogCat?
5. Write down the syntax of Toast.
6. What are the types of services?
7. What is DVM?

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

1. What is ArrayAdapter? Write down the Java code to display all names into listview using arrayadapter.
2. Write down the java code to dial a number and view a web site using implicit intent.
3. Explain android folder structure.
4. Explain different layouts in android.
5. How to display image in image view?
6. List methods in activity life cycle.

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

1. Write down the code for option menu and popup menu.
 2. Explain android architecture with diagram.
 3. Explain in detail components of android.
 4. Explain fragment lifecycle with diagram.
 5. Write down the java code to display records from SQLite database.
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