

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF COMPUTER APPLICATIONS
EXAMINATION : JUNE - 2025
SEMESTER - III

Sub: Mobile Application Development (MCA- 304-22)

Date : 11/06/2025

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 2-3lines. (Any 5) (10)

1. What is AVD?
2. What is emulator in android?
3. In which file all permissions are registered needed for android application?
4. What is SQLite?
5. What is an activity in Android?
6. What are the types of intent?
7. What is .apk file?

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

1. Write a program in android to display an image when user click on listbox containing flowers name.
2. Describe features of android.
3. What are the different layouts in android.
4. Explain service & its types in android.
5. What is gradle & androidmanifest.xml file?
6. What is view & View group? List any 3 android versions.

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

1. Explain android architecture with diagram.
2. Write a note on menus in android.
3. Write the program demonstrating types of intent.
4. Explain with a neat diagram lifecycle of fragment.
5. Write a program to save student record in the database using android.
