

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF COMPUTER APPLICATIONS
EXAMINATION : DECEMBER - 2024
SEMESTER - III

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

Date : 27/12/2024

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. What is intent?
2. Where to declare permission for an android application?
3. What is SQLite? List its advantages.
4. Write down any 2 features of android.
5. What is android emulator?
6. What do you mean by wrapcontent & matchParent?
7. What are styles and themes?

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

1. What is View and View Group? List any 3 layouts available in android.
2. What is fragment? How to create fragment?
3. List different layers of android architecture.
4. Write down java program to add elements from editText into list view.
5. List all methods called in fragment life cycle.
6. What is a service? Explain its types.

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

1. Explain various Android UI Controls.
2. Write down the java code to save student's record(roll,name) in SQLite database.
3. What is Activity? Draw and Explain Activity Life Cycle.
4. What is menu in android? Discuss types of menus used in Android.
5. Explain different components in android.
