

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION : DECEMBER - 2024
SEMESTER - III
Sub: Android Programming (MSC -302 -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.
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Q. 1. Answer the following in 2-3 lines. (Any 5) (10)

1. Who is called as father of android?
2. Write the code to display Toast in android?
3. What is the significance of setContentView()?
4. Write down any two Android layout types.
5. Where images are stored in android?
6. State any 2 features of android.
7. What is R file?

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

1. Explain the methods of activity life cycle.
2. Explain execSQL() rawquery() methods.
3. Write a program in android to fill the list view with names of countries.
4. Explain the contents of the AndroidManifest.xml file & res folder.
5. What is service? What are its types? How service is different from Activity?
6. Why array adapter is used? Explain its syntax.

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

1. Describe Fragments life cycle in android with diagram.
 2. What is a Service in Android? Explain its types and how it differs from an Activity.
 3. Describe the layers of android architecture with diagram.
 4. What is view & view group? Explain any 4 views in android in detail.
 5. What is an intent in Android? Discuss the types of intents with examples.
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