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MASTER OF COMPUTER APPLICATIONS (MCA)
EXAMINATION :DECEMBER- 2025
SEMESTER - III

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

Date 26/12/2025

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 OHA?
2. What is service in android?
3. State significance of gradle.
4. What is fragment in android?
5. What do you mean by matchparent & wrapcontent?
6. What is a RecyclerView in Android?
7. Who is called as father of android?

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

1. Write a program in android to call a number using implicit intent.
2. Explain bound & unbound service types in android.
3. Write a program in android that displays a list of items (like a list of cities) using a List View.
4. Describe different android layout.
5. Write an android program with two activities and a button on the first activity to switch to the second activity.
6. What are the contents of res folder&android manifest file?

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

1. Explain methods in lifecycle of fragment. How fragment differs from service?
2. What is SQLite? Write a program in android to insert data into database.
3. With the help of diagram explain different layers of android architecture.
4. What is view & view group? Describe any 5 views in android.
5. What is menu? What are its 3 types? Write code for any 2 types of menus in android.
