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MASTER OF SCIENCE (M.Sc) IN COMPUTER APPLICATIONS
EXAMINATION : JUNE - 2025
SEMESTER - III

Sub: Android Programming (MSC -302 -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 2-3 lines. (Any 5) (10)

1. What do you mean by AVD?
2. What is option menu used for?
3. What is OHA?
4. Define an intent in android.
5. What is the role of DVM? *Serves as virtual machine. Converts code into .dex format*
6. State difference in an activity & service in android.
7. What do you mean by bound service?

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

1. Explain types of services?
2. What is View & View Group? Explain any 3 views in android.
3. Design an app with checkboxes for selecting course. Write a program to show selected courses.
4. Explain in detail components of android.
5. Describe the different folders available in android studio.
6. What is adapter in android? Write any program to display data in spinner using adapter.

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

1. Explain with examples types of intent in android
2. Write down the code to show the records using SQLite.
3. Explain with example of any 2 menus in android.
4. Write a note on layers of android architecture.
5. Explain the method in lifecycle of the fragment.