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MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS
EXAMINATION : DECEMBER-2023
SEMESTER - III
Sub: Android Programming (MSC -302 -22)

Date : 13/12/2023	Total Marks :60	Time: 10.00 am to 12.30 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 do you mean by getApplicationContext()?

2. List any 4 android version names.

3. What is match_parent and wrap_content?

4. What is AVD?

5. What are .dex files?

6. What do you mean by DVM in android?

7. What is manifest file?

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

1. List the methods gets called in an activity life cycle.

2. Write a short note on components of android.

3. Write down the program to show use of explicit intent.

4. What are three types of menus? Write down the program for any one.

5. What res folder contains?

6. What is service in android? What are its types?

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

1. Explain fragment life cycle.

2. Describe android architecture with the neat diagram.

3. Write down the program to call number and view a website using implicit intent.

4. Explain views and layout in android.

5. Write down program for database connectivity in android.