

M.Sc.(IT & CA) Semester - 2 (CBCS) Examination**May/June-2021 (OLD COURSE)****APPLICATOIN DEVELOPMENT USING ADVANCED ANDROID(CORE)****Time: 1:30 Hours****Marks: 42****Instructions:**

1. Figure to the right indicate marks.
 2. There are five questions in the question paper.
 3. Answer any three of the following questions.
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- Q.1(A) Answer the following questions. (04)
1. Which extension file will be installed in android phone?
 2. What is the full form of DVM?
 3. Write a full form of AVD.
 4. Full form of ADB.
- Q.1(B) Answer the following question. (any one) (02)
1. What is the use of androidManifest file in android?
 2. Explain R.java file with suitable example.
- Q.1(C) Answer the following question. (any one) (03)
1. Explain Array Adapter with suitable example.
 2. Explain the use of web view with suitable example.
- Q.1(D) Answer the following question. (any one) (05)
1. Explain Grid View with suitable example.
 2. Explain android activity lifecycle with example.
- Q.2(A) Answer the following questions. (04)
1. Which class is need to inherited for SQLite connectivity?
 2. Which method of SQLiteDatabase is help to execute query in to database?
 3. What is SQLite?
 4. Which method is used to delete record from SQLite?
- Q.2(B) Answer the following question. (any one) (02)
1. Explain SQLiteDatabase Class.
 2. Explain BrodCastReceiver Class.
- Q.2(C) Answer the following question. (any one) (03)
1. explain Notification. Builder Class with suitable example.
 2. Explain what is shared Preference.
- Q.2(D) Answer the following question. (any one) (05)
1. Write a program to insert and delete the record from SQLiteDatabase.
 2. Write a program to display all the Record from SQLiteDatabase.
- Q.3(A) Answer the following questions. (04)
1. Which permission is used for external internal storage in android?
 2. Write a full form of SOAP.
 3. Which permission is use to access wifi?
 4. Which sensor gives you direction for north south east west?
- Q.3(B) Answer the following question. (any one) (02)
1. Write a code to start discoverable service of Bluetooth.
 2. Explain SensorEventListener interface with suitable example.

- Q.3(C) Answers the following question. (any one) (03)
1. Write a program to start/stops Bluetooth.
 2. Write a program to save data in to external storage with full code and suitable example.
- Q.3(D) Answer the following question. (any one) (05)
1. Explain Orientation Sensors with suitable example.
 2. What is web services and how it is useful in android?
- Q.4(A) Answer the following questions. (04)
1. Write a full form of SAX.
 2. What is full form of DOM?
 3. Write a full form of XML.
 4. What is JSON?
- Q.4(B) Answer the following question. (any one) (02)
1. How to start/ stop WI-FI Service in android?
 2. What is JSON Parsing explain with suitable example?
- Q.4(C) Answers the following question. (any one) (03)
1. How to check active connections in android phone with suitable code?
 2. How integrating Social Networking is used in android?
- Q.4(D) Answer the following question. (any one) (05)
1. Explain Bluetooth services.
 2. Explain Wi-Fi network in details.
- Q.5(A) Answer the following questions. (04)
1. In where we can upload apk file for global access.
 2. Which interface method gives you real location?
 3. Which map types display roads on map?
 4. Write a full form of GPS?
- Q.5(B) Answer the following question. (any one) (02)
1. List out map types in android.
 2. How to get device location in android?
- Q.5(C) Answers the following question. (any one) (03)
1. Write a code to create a marker on your device location.
 2. Write a step to use Google map in android.
- Q.5(D) Answer the following question. (any one) (05)
1. What is a map overlay? Explain in details with suitable example?
 2. Write step to create a sign apk and upload in Google play.
