

M.Sc.(IT & CA) Semester - 2 (CBCS) Examination**May/June-2021 (NEW COURSE)****APPLICATION 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. (03)
1. In which folder all java file will be stored?
 2. Which permission required for record audio in android?
 3. Full form of AVD.
- Q.1(B) Answer the following question. (any two) (06)
1. Explain GridView.
 2. Explain WebView with Suitable Example.
 3. Describe TabHost? How it is useful in android.
- Q.1(C) Answer the following question. (any one) (05)
1. Write a Code to Open Camera and set parameters to take Picture using android code.
 2. Write a program to demonstrate the use of media recorder using android code.
- Q.2(A) Answer the following questions. (03)
1. SQLite is internal database of android or not (Yes/No).
 2. Which class provides Insert, Update and Delete Method in SQLite.
 3. Which class provides onCreate and OnUpgrade methods.
- Q.2(B) Answer the following question. (any two) (06)
1. Write a Code to Store data using SQLite.
 2. Explain NotificationBuilder Class with suitable example.
 3. Define Shared Preference.
- Q.2(C) Answer the following question. (any one) (05)
1. Describe Android File System.
 2. Explain Built in Content Provider with Search operation.
- Q.3(A) Answer the following questions. (03)
1. Full form of API.
 2. Full form of SOAP.
 3. Which intent parameter is used to start Bluetooth.
- Q.3(B) Answer the following question. (any two) (06)
1. Write a program to start Bluetooth.
 2. Write a program to stops Bluetooth.
 3. Explain Motion Sensor.
- Q.3(C) Answer the following question. (any one) (05)
1. Explain Sensors events.
 2. Write a program to List Paired device using Bluetooth.

- Q.4(A) Answer the following questions. (03)
1. Full form of JSON.
 2. Which permission need for internet access.
 3. Which function convert array to json access.
- Q.4(B) Answer the following question. (any two) (06)
1. What is JSON Parsing explain with suitable example.
 2. Explain Bluetooth services.
 3. Which permission is used for network state.
- Q.4(C) Answer the following question. (any one) (05)
1. Write a program to start and stop WIFI device.
 2. Describe Wi-Fi network in details.
- Q.5(A) Answer the following questions. (03)
1. In which folder we can store image in android?
 2. What is canvas?
 3. Full form of LBS and GPS.
- Q.5(B) Answer the following question. (any two) (06)
1. Step to Upload APK File in Google Play Store.
 2. Explain location manager.
 3. Explain Obfuscating and optimizing with ProGuard.
- Q.5(C) Answers the following question. (any one) (05)
1. Write a code to find Your Current Location.
 2. List out and explain the Types of Google Maps Available in android.
