

B.Sc.(IT) Semester - 6 (CBCS) Examination**March/April-2024 (OLD COURSE)****CS-31 MOBILE COMPUTING USING ANDROID(CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que-1(A) Answer following Questions. (04)
1. Source Code(.java) file save under ____ folder.
 2. Give full form of apk.
 3. Give full form of OHA.
 4. An _____ intent is most commonly used when launching an activity (from another one) within the same application.
- Que-1(B) Answer Any One. (02)
1. What is Android Framework?
 2. Explain OHA.
- Que-1(C) Answer Any One. (03)
1. Explain anatomy of android SDK.
 2. Write steps for how to create android application and AVD.
- Que-1(D) Answer Any One. (05)
1. Explain intent in detail.
 2. Explain android Manifest file.
- Que-2(A) Answer following Questions. (04)
1. _____ is graphics component in android which does the job of calling Draw method and drawing the shape.
 2. Which layout is working on parent child relationship?
 3. _____ can be press or click by user to the perform action
 4. _____ Are the space inside the border
- Que-2(B) Answer Any One. (02)
1. Explain TimePicker with example.
 2. Explain ProgressBar.
- Que-2(C) Answer Any One. (03)
1. Explain ListView and GridView.
 2. Explain RadioGroup and EditText.
- Que-2(D) Answer Any One. (05)
1. Write short note on Dialog with example.
 2. Explain relative and linear layout.
- Que-3(A) Answer following Questions. (04)
1. _____ Places the “read position” on the first entry in the results.
 2. Binary data is shared using the_____
 3. _____ method not only insert data, but also used to update or modify already existing data in database using bind arguments
 4. _____ will append the new preferences with the already existing preferences
- Que-3(B) Answer Any One. (02)
1. Explain Different modes of shared preferences.
 2. Explain OpenDatabase and OpenOrCreateDatabase method.
- Que-3(C) Answer Any One. (03)
1. Explain storage api.
 2. Explain SQLite Database.

- Que-3(D) Answer Any One. (05)
1. Write program to write and read in text file.
 2. Write short note on sharing data between application with content provider.
- Que-4(A) Answer following Questions. (04)
1. Give full form of LBS.
 2. _____ is the process of converting the addresses into geo coordinates as latitude and longitude.
 3. To access the internet your application requires ____ permission.
 4. _____ api is used to monitor phone information including the current state of phone, connections etc.
- Que-4(B) Answer Any One. (02)
1. Which two methods are provided by Android SDK to show a location with google maps.
 2. Explain method to change default view of google map to according to your demand.
- Que-4(C) Answer Any One. (03)
1. Explain Web api.
 2. Explain GPS.
- Que-4(D) Answer Any One. (05)
1. Explain Geocoding location.
 2. Write short note on Networking api.
- Que-5(A) Answer following Questions. (04)
1. JSON stands for _____
 2. What is Notification Manager?
 3. Android application upload in which store?
 4. Which permission is required to vibrate a phone?
- Que-5(B) Answer Any One. (02)
1. Explain blinking the lights.
 2. Explain different type of notification.
- Que-5(C) Answer Any One. (03)
1. Write a program to demonstrate vibrate the phone.
 2. Explain how to customize notification service.
- Que-5(D) Answer Any One. (05)
1. Write steps to deploy android application.
 2. Write steps to develop application in JSON in MySQL.
