

B.C.A Semester - 6 (CBCS) Examination**Oct/Nov-2020****CS-31 MOBILE COMPUTING USING ANDROID AND IPHONE (CORE)****Time: 2:00 Hours****Marks: 56****Instructions:**

1. Figure to the right indicate marks.
 2. There are five questions in the question paper.
 3. Answer any four of the following questions.
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- Q.1(A) Give answers of following questions. (04)
1. Write Full form of SDK.
 2. Write Full form of ADT.
 3. Write Full form OHA.
 4. Android is Operating System. (True/False)
- Q.1(B) Attempt the following (any one) (02)
1. What is Application Framework?
 2. What is DVM?
- Q.1(C) Attempt the following (any one) (03)
1. What is .dex file?
 2. Explain briefly Android Platform.
- Q.1(D) Attempt the following (any one) (05)
1. Explain Android Architecture.
 2. Explain Activity life cycle with example.
- Q.2(A) Give Answers of following questions. (04)
1. _____ Layout organizes its children into a single horizontal or vertical view.
 2. _____ Layout displays web pages.
 3. _____ are the spaces outside the border.
 4. _____ are the spaces inside the border.
- Q.2(B) Attempt the following (any one) (02)
1. What is Canvas?
 2. What is Progressbar?
- Q.2(C) Attempt the following (any one) (03)
1. What is ID in UI? Explain.
 2. Explain size attribute in brief.
- Q.2(D) Attempt the following (any one) (05)
1. Explain frame by animation.
 2. Explain Simple Cursor Adapter.
- Q.3(A) Give answers of following questions. (04)
1. To read from a database, use the _____ method.
 2. _____ method is used to query blank space.
 3. _____ method is used to delete file.
 4. _____ storage is best when you want to be sure that neither the user nor other apps can access our files. (Internal/External)

- Q.3(B) Attempt the following (any one) (02)
1. Explain Internal Storage.
 2. Explain External Storage.
- Q.3(C) Attempt the following (any one) (03)
1. What is schema?
 2. What is SharedPreferences?
- Q.3(D) Attempt the following (any one) (05)
1. Explain: Read Information from a database.
 2. Write a program to display all the record of SQLite table in a List view.
- Q.4(A) Give answers of following questions. (04)
1. Most network connected Android apps use _____ to send and receive data. (HTTP/FTP).
 2. Full form of LBS is _____.
 3. Full form of GPS is _____.
 4. The standard location for displaying notifications and indicators on an Android device is _____.
- Q.4(B) Attempt the following (any one) (02)
1. What is Map view?
 2. What is GeoCoding Location?
- Q.4(C) Attempt the following (any one) (03)
1. What is longitude and latitude?
 2. Explain android:minSdkVersion and android:maxSdkVersion.
- Q.4(D) Attempt the following (any one) (05)
1. Explain starting and stopping service in detail.
 2. Write steps to publish your app.
- Q.5(A) Give answers of following questions. (04)
1. Full form of MVC is _____.
 2. _____ groups related resources together.
 3. _____ also takes the changed data and communicates it back to the model.
 4. The _____ is the used interface what the user sees and interact with.
- Q.5(B) Attempt the following (any one) (02)
1. What is Xcode?
 2. What is control state?
- Q.5(C) Attempt the following (any one) (03)
1. Explain control event.
 2. What is Empty application?
- Q.5(D) Attempt the following (any one) (05)
1. Explain Controls in detail.
 2. Explain Cocoa Touch in detail.
