

B.C.A Semester - 6 (CBCS) Examination**April/May-2022 (OLD COURSE)****CS-31 MOBILE COMPUTING USING ANDROID AND IPHONE(CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

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

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- Q.1(A) **Answer the following questions.** (04)
- (1) What is SDK?
 - (2) Extension of Android Manifest File.
 - (3) Image stored in which folder of res?
 - (4) Permission always stored in Android Manifest file is it true/false?
- Q.1(B) **Answer the following question. (Any one)** (02)
- (1) What is Intent in android?
 - (2) Explain the use of Drawable folder in android
- Q.1(C) **Answer the following question. (Any one)** (03)
- (1) Explain what is Context and Activities.
 - (2) What is intent explain with types of intent
- Q.1(D) **Answer the following question. (Any one)** (05)
- (1) Explain android Manifest file with suitable example.
 - (2) Explain different types of resources in android
- Q.2(A) **Answer the following questions.** (04)
- (1) Explain Button.
 - (2) Screen Element always takes in Java File is it true or false?
 - (3) Text View is used to input a value from user is it true or false?
 - (4) Explain Edit Text Control in android
- Q.2(B) **Answer the following question. (Any one)** (02)
- (1) Explain Date Picker Elements in android
 - (2) Explain Radio Group Element in android
- Q.2(C) **Answer the following question. (Any one)** (03)
- (1) Explain Table Layout
 - (2) Explain Animation with Suitable example
- Q.2(D) **Answer the following question. (Any one)** (05)
- (1) Explain Dialogs with suitable example
 - (2) Explain Linear Layout
- Q.3(A) **Answer the following questions.** (04)
- (1) SQLite is inbuilt database of android is it true/false?
 - (2) Full form of SQL
 - (3) Full Form of API
 - (4) List out any two method support by SQLite Database class
- Q.3(B) **Answer the following question. (Any one)** (02)
- (1) Explain Content Provider.
 - (2) Explain onCreate() Method.
- Q.3(C) **Answer the following question. (Any one)** (03)
- (1) What is the use of SQLite in android
 - (2) Explain OnUpgrade() method.

- Q.3(D) **Answer the following question. (Any one)** (05)
- (1) Explain onCreate() and onUpgrade() method
 - (2) List out and Explain Content Provider Method
- Q.4(A) **Answer the following questions.** (04)
- (1) android application upload in playstore is it true/false?
 - (2) JSON stands for?
 - (3) GPS stands for?
 - (4) Which permission needs to use internet in android?
- Q.4(B) **Answer the following question. (Any one)** (02)
- (1) What is GPS.
 - (2) Explain Location Manager in android.
- Q.4(C) **Answers the following question. (Any one)** (03)
- (1) Write a Step to upload application in Play Store
 - (2) List out the types of Google maps.
- Q.4(D) **Answer the following question. (Any one)** (05)
- (1) Explain and List out Location based Services
 - (2) Explain Android Networking API
- Q.5(A) **Answer the following questions.** (04)
- (1) In Google Playstore we can upload iPhone application is it true / false?
 - (2) _____ IDE is used to developed iPhone Application
 - (3) MVC stands for?
 - (4) What is App Store?
- Q.5(B) **Answer the following question. (Any one)** (02)
- (1) What is MVC
 - (2) List out and Explain Text Field Property
- Q.5 (C) **Answer the following question. (Any one)** (03)
- (1) Explain Button Property
 - (2) Explain what is the View Controller
- Q.5(D) **Answer the following question. (Any one)** (05)
- (1) What is XCode? List out and Explain the types of application can developed in XCode
 - (2) List out and explain the States for App Life Cycle
