

Reg. No. :

--	--	--	--	--	--	--	--	--	--

**Question Paper Code: 56802**

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Sixth Semester

Computer Science and Engineering

15UIT602–MOBILE APPLICATIONS DEVELOPMENT

(Common to Information Technology)

(Regulation 2015)

Duration: 1.15 hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

**(Answer any six of the following questions)**

1. If a domain is www.mycompany.com, and the application has been named Android Sample, then the package name might be specified as follows CO1- R
  - (a) mycompany.com.androidsample
  - (b) www.mycompany.com.androidsample
  - (c) com.mycompany.androidsample
  - (d) None
2. What is JNI in android? CO1- R
  - (a) Java network interface
  - (b) Java interface
  - (c) Image editable tool
  - (d) Java native interface
3. What is user interface? CO2- U
  - (a) Helps users to communicate using windows, icons with the computer system application system
  - (b) It converts program to machine language form
  - (c) Transmit data to remote location as packets
  - (d) none of the above
4. Which among these are NOT a part of Android's native libraries? CO2- R
  - (a) Webkit
  - (b) Dalvik
  - (c) OpenGL
  - (d) SQLite
5. Events are then removed from the queue on a \_\_\_\_\_ basis CO3- U
  - (a) LIFO
  - (b) FIFO
  - (c) SJF
  - (d) WRQ

6. Which of the following event in multi touch gestures will be Sent when the last pointer leaves the screen. CO3- R
- (a) ACTION\_UP (b) ACTION\_POINTER\_UP  
(c) ACTION\_MOVE (d) ACTION\_POINTER\_DOWN
7. Which component is not activated by intent? CO4- U
- (a) Activity (b) Services (c) Content Provider (d) Broadcast Receiver
8. The types of intents in android is/are CO4- U
- (a) Explicit intents (b) Implicit intents (c) Start intents (d) Both a & b
9. Once the development work on an Android application is complete, the application must be signed with a \_\_\_\_\_ that uniquely identifies you as the application's developer while preparing submission to the Google Play App Store CO5- U
- (a) Public key (b) Private key (c) both and b (d) None
10. What built-in database is Android shipped with? CO5- U
- (a) SQLite (b) Apache (c) MySQL (d) Oracle

PART – B (3 x 8= 24 Marks)

**(Answer any three of the following questions)**

11. Describe procedure involved in creation of a simple Android application project using Android Studio. CO1- U (8)
12. Describe the life cycle of Android activity with neat sketch.. CO2- U (8)
13. How do you convert Density Independent Pixels (dp) to Pixels (px) in creating an Android User Interface with Java Code CO3- U (8)
14. Explain explicit and implicit intents with an example program CO4- U (8)
15. Before an application can make use of the Google Maps Android API, it must first be registered within the Google APIs Console. Describe the steps involved in registration process. CO5- U (8)