C

Answer ALL Questions

PART A - (5 x 1 = 5 Marks)

1. Why don't we give Min SDK as 1 in android?   CO1- U

   (a) Android Deprecated Version   (b) There is no value for 1

   (c) Android doesn't allow min version as 1   (d) None of the above

2. An Android _____ is an abstract description of an operation to be   CO1-U
   performed. It can be used with startActivity to launch an Activity.

   (a) Filter   (b) Intent   (c) Service   (d) Broadcast receive

3. Which sensor is responsible for automatically locking the screen of the   CO1- U
   phone when you close the flip cover:

   (a) Barometer   (b) Hall effect sensor

   (c) Gyroscope   (d) Ambient light sensor

4. Which class is used to send SMS programmatically in Android?   CO1- U

   (a) SmsSender   (b) SmsManager   (c) SendSms   (d) SmsReceiver

5. On Android SQLite where can we define tables, columns, views, triggers?   CO1- U

   (a) onUpgrade()   (b) onInit()

   (c) onStart()   (d) onCreate()

PART – B (5 x 3= 15 Marks)

6. What Is the Android Manifest?   CO1- U

7. What is the difference between intent and intent filters?   CO2- U

8. How will you instantiate Location Manager object?   CO1- U

9. Write a code for accessing the connectivity Manager   CO2- U

10. Write a code to fetch the data using firebase   CO1- U

<div align="center">PART – C (5 x 16= 80Marks)</div>

11. (a) Write a Xml and Java code for the following scenario: CO2- App   (16)
        Scenario :To create a layout that includes a text box and a button.
        when the button is tapped it will display the Toast message with the
        sting entered by user in Textbox.

<div align="center">Or</div>

    (b) Explain about Android Architecture in detail.   CO2- App   (16)

12. (a) Explain Intent and its types and also Create an android application CO2- App   (16)
        to send an SMS using Intent Filter.   .

<div align="center">Or</div>

    (b) When the user touches the button in the toolbar fragment, the CO2- App   (16)
        fragment class is going to get the text from the Edit Text view and
        the current value of the Seek Bar and send them to the text fragment.
        fragments should not communicate with each other directly, instead
        using the activity in which they are embedded as an intermediary.

13. (a) Explain about sensors in detail   CO2- App   (16)

<div align="center">Or</div>

    (b) Write a java code to find all the available sensors and registering the CO2- App   (16)
        sensors.

14. (a) Explain about Bluetooth connectivity in detail   CO2- App   (16)

<div align="center">Or</div>

    (b) Explain about Managing WI-FI Connections   CO2- App   (16)

15. (a) Explain in detail about Persisting data using SQLite?   CO2- App   (16)

<div align="center">Or</div>

    (b) Explain in detail about how to Store data into Firebase and Read CO2- App   (16)
        data from Firebase.