6628

BOARD DIPLOMA EXAMINATIONS

OCT/NOV-2019

DCME - FIFTH SEMESTER

MOBILE APPLICATION DEVELOPMENT

Time: 3 hours   Max. Marks: 80

PART – A   **3 X 10 = 30**

Instructions: 1.   *Answer **all** questions.*
2.   *Each question carries **Three** Marks.*
3.   *Answer should be brief and straight to the point and should not exceed Five simple sentences.*

1.   Define Mobile Device.

2.   What is SOC?

3.   List the three features of smart phone.

4.   Write short note on Android OS.

5.   Draw the block diagram of IOS Architecture.

6.   List the programming components of Android.

7.   What is toast message?

8.   Write a short note on security aspects of Android.

9.   What are Android UI (User Interface) controls?

10. List the activity call back functions?

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PART – B   **5 X 10 = 50**

Instructions: 1.   *Answer any **Five** questions*
                      2.   *Each question carries **TEN** Marks.*
                      3.   *Answer should be comprehensive and Criteria for*
                           Valuation is the content but not the length of the answer.

11.   a) Briefly explain about Modern DSP Architecture.

      b) Briefly explain components of SOC.

12.   Explain about evolution of Smart phones.

13.   Compare IOS and Android OS.

14.   Explain the features of different layers in Android OS.

15.   Draw and explain MVC Architecture.

16.   Write a procedure to create "Hello World!" app.

17.   Explain about life cycle of Android activities.

18.   Explain in details about Time picker with its methods and attributes.