6628
BOARD DIPLOMA EXAMINATION
MARCH/APRIL - 2019
* **DIPLOMA IN COMPUTER ENGINEERING** / INFORMATION TECHNOLOGY
MOBILE APPLICATION DEVELOPMENT
FIFTH SEMESTER EXAMINATION

Time: 3 Hours   **Total Marks: 80**

PART - A   (3m x 10 = 30m)

Note 1:Answer all questions and each question carries 3 marks

2:Answers should be brief and straight to the point and shall not exceed 5 simple sentences

1. Classify Mobile Application Developments and give an example to each type

2. Mention the purpose of GPU and South-bridge in SOC?

3. List Processor architecture classifications

4. List any three Key technologies in Cocoa layer

5. List the versions of Android that starts with A, B,C

6. What is an Explicit Intent? Give steps to Switch to new activity

7. How do you setup AVD in Android Studio?

8. State the importance of R file in Android OS

9. State the purpose of Time Picker Control? Where it is used

10. What is Edit Text control and when it is used?

PART - B   (10m x 5 = 50m)

Note 1:Answer any five questions and each carries 10 marks

2:The answers should be comprehensive and the criteria for valuation is the content but not the length of the answer

11. List any five Peripheral devices and state the purpose of any three of them not exceeding three sentences each.

12. A. Explain about Smart Phone. Give any two examples

     B. Explain the chronological Evolution of Smartphone's

13. A. Draw the block diagram of iOS Architecture

     B. List the layers in iOS Architecture

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14. A. Explain the features of Cocoa Touch layer of iOS.

   B. Explain the features of Core OS layer of iOS

15. Explain how to create Android project to display 'Hello World' using Android studio IDE

16. Write the step by step procedure of Android environment Setup Using Eclipse IDE

17. Develop an android application which shows atleast any three Callback functions

18. Explain spinner control with an example program?

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