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BOARD DIPLOMA EXAMINATION, (C–16)

JUNE—2019

DCME—FIFTH SEMESTER EXAMINATION

MOBILE APPLICATION DEVELOPMENT

Time : 3 hours]   [Total Marks : 80

PART—A   3×10=30

Instructions :   (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Write comparisons between native and web based application development.

2. List different components of SoC (System on Chip).

3. Write any three features of DSP.

4. Write different layers of IOS.

5. What is the purpose of android runtime layer in android OS?

6. What is the uses of toast message?

7. Write different content provider component.

8. Write the differences between implicit and explicit intents.

9. List different layouts of android user interface.

10. What is the purpose of date picker in android user interface?

PART—B

10×5=50

Instructions : (1) Answer *any* **five** questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and the criterion for valuation are the content but not the length of the answer

11. Explain about different contemporary processors.

12. *(a)* Write the feature of traditional DSP.

    (b) Write different peripherals used in smart phone.

13. Explain the architecture of android OS.

14. *(a)* Write brief history of IOS.

    (b) What are the features of media layer in IOS architecture?

15. Explain anatomy of android application in detail.

16. *(a)* Explain procedure for switching between two activities.

    (b) Write different versions of android.

17. Write about following layouts in android programming with an example each :

    (a) List View Layout

    (b) Grid View Layout

18. Explain tex box and toggle button control with an example program.

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