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BOARD DIPLOMA EXAMINATION, (C-16)

JUNE/JULY—2022

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. List different types of mobile devices.

2. Define system on chip.

3. List the key features of Smart Phone.

4. Write short note on DVM.

5. List the layers of IOS architecture.

6. List some programs languages used for development Android applications.

7. Define toast message.

8. Write a short note on Broadcast Receiver.

9. State the use of RadioGroup.

10. What are the two modes of TimePicker?

PART—B 10×5=50

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

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

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

11. Explain about future technology in Smart Phone Hardware.

12. Draw and explain Modem DSP architecture.

13. List and explain features of different layers in Android OS.

14. Explain about different Mobile Operating Systems.

15. Explain how to develop an android application to display "Hello World!".

16. Explain MVC architecture in detail.

17. List and explain any three UI design layouts.

18. Explain Spinner control in detail.

★ ★ ★