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BOARD DIPLOMA EXAMINATION, (C-16)

MAY/JUNE—2023

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. Define mobile application development.
2. Define smartphone. Write any four features of smartphone.
3. List any three contemporary processors.
4. Define mobile operating system. List any three mobile operating systems.
- * 5. List any six third party applications of application layer of android O.S.
6. List any six android programming languages.
7. Write short notes on activity file.
8. What is an intent? Write the usage of it.
9. List any six activity callback functions.
10. Mention the purpose of toggle button.

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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. List and explain various components of SoC.
12. Explain briefly about future technology in smartphones.
13. Explain any two mobile operating systems by giving their features in brief.
14. Compare IOS and android OS by giving at least 10 aspects.
15. Explain MVC architecture in detail.
16. List and explain the anatomy of android application.
17. Explain the lifecycle of android activity with flowchart.
18. Explain the spinner control in detail.

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