



C16-CM-504/C16-IT-504

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BOARD DIPLOMA EXAMINATION, (C-16)
OCT/NOV—2018
DCME—FIFTH SEMESTER EXAMINATION
MOBILE APPLICATION DEVELOPMENT

Time : 3 hours]

[*Total Marks* : 100

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 device.
2. Write the three features of smart phone.
3. List three contemporary processors of smart phone.
4. Write different mobile operating systems.
5. List the layers in ios architecture.
6. Write about MVC architecture.
7. What is the purpose of layout file?

- * 8. Write different callback methods of services.
9. Write the usage of Gridview layout in android applications.
10. How can you use spinner in android application?

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 is the content but not the length of the answer.

11. What is SOC (system on chip)? Draw and explain the components of SOC.
12. Explain features of modern DSP.
13. Draw and explain the block diagram of ios architecture.
14. (a) Write brief history of iOS. 7
(b) Write the comparisons between iOS and android OS. 3
15. Explain android environment setup using android studio IDE.
16. Explain the procedure for switching between activities.
- * 17. Explain date picker and time picker controls with an example program. 3+5
18. Explain activity callback functions with an example program.
