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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (ECE/CSE) (Sem.-3, 5)
MOBILE APPLICATION DEVELOPMENT
Subject Code : BTCS-514-18
M.Code : 78736

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A**Write briefly :**

- 1) Mobile platform
- 2) Authentication and Authorization
- 3) Device Compatibility
- 4) Virtual Machine
- 5) Open source tools
- 6) Intent
- 7) Thread and Sync Task
- 8) Sensors
- 9) SQLite
- 10) Android XML

SECTION-B

- 11) Write a note on Android development environment.
- 12) Write a note on Android Graphics.
- 13) Explain the weapons used in mobile development.
- 14) Discuss the directory structure of an Android Project.
- 15) Discuss in detail activity life cycle.

SECTION-C

- 16) Describe android application architecture. What are its key components?
- 17) Develop an App to control Camera and WiFi.
- 18) What are testing methodologies and deployment process in Mobile Software Engineering?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.