



Roll No.

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

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.

