

PAPER ID—10789

B. Tech. (CSE) EXAMINATION, 2023

(Sixth Semester)

MOBILE APPLICATION DEVELOPMENT
(ELECTIVE-II)

Time : 3 Hours

Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. 1 is compulsory. All questions carry equal marks.

1. Explain the following terms : **$6 \times 2.5 = 15$**

- (a) Operating system structure
- (b) Client side debugging

- (c) File System Interface
- (d) Shell Development
- (e) Memory management
- (f) Globalization.

Unit I

- 2. What do you mean by Mobile operating system ? And also explain Hardware configuration with mobile operating system. **15**
- 3. Explain Multitasking Scheduling and Memory Allocation with examples. **15**

Unit II

- 4. What do you understand by Mobile development IDE's and also write a basic program. **15**
- 5. What do you mean by Worklight basics ? How to you create adapters ? **15**

Unit III

- 6. Explain Shell Development. How to create Java ME application ? **15**

- 7. What do you understand by Android development ? And also explain how to working with UI frameworks ? **15**

Unit IV

- 8. Explain the features of Android and obtaining the requirement tools. **15**
- 9. How can you store data in Android and iOS ? Which databases and native solutions are available and also explain the architecture of iOS. **15**