

B. Tech. (CSE) (Elective-II) 6th Semester
(G Scheme) Examination, July-2022

MOBILE APPLICATION DEVELOPMENT

Paper-PEC-CSE-312-G

Time allowed : 3 hours] [Maximum marks : 75

Note : Attempt five questions in all, selecting at least one question from each section. Question No. 1 is compulsory. All questions carry equal marks.

1. Explain the following : 6×2.5=15
- Difference between iOS and ANDROID
 - File System Interface
 - Multitasking Scheduling
 - Globalization
 - PUSH Notification
 - APACHE CARDOVA

Section-A

2. Explain Mobile Operating System and its structure. 15
3. Explain the following features : 15
- Memory Allocation
 - Protection and Security

Section-B

4. Explain various common controls in Mobile Development. 15
5. Explain in detail client technologies and client-side debugging. 15

Section-C

6. How to create Java ME application ? Explain with example. 15
7. Describe the following : 15
 - (a) Shell Development
 - (b) Authentication
 - (c) SMS Notification

Section-D

8. (a) Give a complete description about memory management and protocols in android. 8
- (b) Explain Android Architecture. 7
9. What is iOS ? Explain its architecture and deployment in detail. 15