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Total No. of Pages : 01

Total No. of Questions : 08

M.Tech (CSE) (Sem.-3)
MOBILE APPLICATIONS AND SERVICES

Subject Code : MTCS-302-18

M.Code : 76509

Date of Examination : 12-12-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWELVE marks.

1. a) How synchronization and Replication of Mobile data is performed?
b) What is meant by UI architecture explain? What is intent? How many different intent types are there?
2. a) Explain in detail the importance of delivery of Mobile Application?
b) Explain myths of security and hacking of Android application with a suitable example.
3. a) Describe the process of mobile application for integration with GPS.
b) What is a web service? Why it is required? How a web service can be consumed in an Android application?
4. a) Explain the activity life cycle.
b) Explain Text-to-Speech Techniques with examples.
5. How data is accessing and building a content provider? What would be the result if not have net work connectivity?
6. Discuss the need of permissions in Android. Describe the permissions to set system functionalities like bluetooth, camera.
7. Explain performance best practices in android location mobility. What are the issues will face in location mobility?
8. Discuss in detail different mobile computing techniques in IOT.

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.