


MANAV RACHNA UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE & TECHNOLOGY
"T3 Examination, May 2018."

Semester: VI
Subject: Multiplatform Mobile Development
Branch: CSE/IT
Course Type: CORE
Time: 90 Minutes
Max.Marks: 80

Date of Exam: 21/5/2018
Subject Code: CSH328
Session: I
Course Nature: Hard
Program: B.Tech
Signature: HOD/Associate HOD: 

Note: All questions are compulsory. However internal choices may be given.

PART-A (Each Question carries 2 Marks)

Q1 Answer briefly:-

- What are the advantages of SQLite?
- What is Isolated Storage in Xamarin.Android?
- What is Web Service and its data formats?
- What is ORMLite?
- What are the benefits of using background application?
- Differentiate between AsyncTask and AsyncTaskLoader.
- What are the steps for creating web service?
- What are the advantages of using Xamarin.Form?
- Discuss different type of layout in Xamarin.Form.

PART-B (Each question carries 15 marks. Attempt any two)

Q2. What is SQLite in mobile application? Discuss CRUD operation using SQLite in Mobile application.

Q3. What are difference between SQLite and ORMLite. Write a program to implement insertion operation of student record using ORMLite.

Q4. What are the steps to consume online web service in Xamarin application? Write a program that implements and consume user defined web service "http://localhost:21212/HelloService.asmx" and print corresponding output of function return.

PART-C (Each question carries 15 marks. Attempt any two)

Q5. What are the benefits of using AsyncTaskLoader? Write a program to implement working of AsyncTaskLoader to execute any operation in background.

Q6. What are different pages in Xamarin.Form? Write a program to create login Xamarin.Form using navigational page.

Q7. What is Xamarin.Form? Discuss App and Application classes of Xamarin.Form and explain lifecycle methods of Application class.
