

Veer Narmad South Gujarat University, Surat
Department of Information and Communication Technology

Examination : M.Sc. (I.T.) 7th Semester External Examination

Subject : 706 – Practical 16

Date : 11th Feb. 2021

Time : 2 Hrs.

Marks : 70

Instructions:

- 1) All questions are compulsory.
 - 2) Create and use following tables for Q.1.
Maker (MakerId, Name, Description)
Mobile (MobileId, MakerId, Model, HasCamera, IsInStock, MRP)
Customer (CustomerId, Name, Address, PhoneNumber)
Sales (MobileId, CustomerID, Date, BillAmount)
 - 3) Use LINQ and Entity Framework for Data operations.
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Q.1 Create an ASP.NET (Framework / Core) MVC web application and fulfill following requirements: **[60]**

- Create Database and Insert records for Maker and Customer tables.
- Perform CURD operations for Mobile Data.
- Perform CURD operations for Sales Data.
- Prepare Advance Search Functionality for following criteria.
 - 1 Show Customers who purchased mobiles manufactured by “JIO”.
 - 2 Show Mobiles sold to Mr. Nayan Sharma.
 - 3 Show Mobiles total Sales during two dates.
- Perform all operations by creating web API.

Q.2 Viva **[10]**
