

# DM PRACTICAL EXAMINATION

Duration: 60 minutes

Marks: 100

No	Objects	Decription	Marks
1	Database	Name is <b>CarWorld</b> with <b>Regions</b> filegroup	
2	Table <b>Brands</b>	Contains list of Car's Brands. Each brand is described with the following fields: <b>BrandID</b> : int, identity(1, 1), Primary key. <b>BrandName</b> : varchar(50), Unique key (Vinfast   BMW...). <b>Decription</b> : varchar(100), Null.	5
3	Table <b>Types</b>	Contains list of Types. Each type is described with the following fields: <b>TypeCode</b> : varchar(15), Primary key. <b>TypeName</b> : varchar(50), Unique key (Sedan   SUV...) <b>Decription</b> : varchar(100), Null.	5
4	Table <b>Cars</b>	Contains list of Cars. Each Car is described with the following fields: <b>CarCode</b> : varchar(20), Primary key. <b>CarName</b> : varchar(50), Unique key. <b>Brand</b> : int, Foreign key Brands (BrandID). <b>Type</b> : varchar(15), Foreign key Types (TypeCode). <b>Price</b> : int. <b>Decription</b> : varchar(100), Null.  <b>Note:</b> Price constraints - <i>Not be nagative.</i> - <i>Default is zero.</i>	10
5	Insert Data	5 records have to insert into each table in the database.	5
6	Clustered Index	Name: <b>IX_BrandName</b> Table: Brands Column: BrandName with Online = ON	15
7	Views	Name: <b>vw_Cars</b> Target: Select all of <b>SUV Vinfast</b> . (Hint: shows more Brand and Type name)	15
8	Procedure	Name: <b>sp_ListDevices</b> Parameter: <b>BrandName</b> Target: Select all Cars devices which are provided by this BrandName.	20
9	Trigger	Delete the record when the car price is changed to 0 (Show message: " <i>Item has been deleted</i> "), otherwise update done.	25