

Do not write on this question paper and return it to the Invigilator after the examination.

PRACTICAL EXAMINATION DMS

Duration: 60' – Set: 11

Total marks: 100

Requirement:

Create a script file named <>Student_Enrollment_Number>>.sql that contains T-SQL statements executing the following tasks:

No.	Specification			Marks
R1	Create a database named HomeCare with Regions filegroup (the size, maximum size and file growth should be 10MB, UNLIMITED, and 1M respectively).			5
R2	Create the three tables as below:			
	Table Doctor	DoctorNo	varchar(15), <i>Primary key.</i>	
		DoctorName	varchar(50)	
		Address	varchar(50)	
		Email	varchar(50)	
R2	Table Patient	Phone	varchar(15)	
		PatientNo	varchar(15), <i>Primary key.</i>	
		PatienName	varchar(50)	
		Email	varchar(50)	
		Phone	varchar(15)	
R2	Table Schedule	Gender	varchar(2), accepting character 'F' or 'M' only.	
		ScheduleID	int, <i>identity, Primary key.</i>	
		Doctor	varchar(15), <i>Foreign key references Doctor table.</i>	
		Patient	varchar(15), <i>Foreign key references Patient table.</i>	
		appointment	datetime	
R3		Status	bit, <i>default value is true.</i>	
		Fill 5 records for each this table.		
		Create a clustered index named IX_Schedule on the ScheduleID column in the Schedule table.		
		Create view vw_Schedule , select all gender (M) Patients who has active Schedule.		
		Create a stored procedure named sp_Schedule with parameter PatientName , will be selected all patients by name who has active Schedule (15 marks). Test the procedure (5 marks).		
R7		Create a trigger named t_Schedule to delete the record when the schedule status is changed to false. The message "Item has been deleted." will be raised in this case (20 marks). Test the trigger (5 marks).		

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Note: All the marks are evaluated in the Query.