



Practice Exam Pager for DM – Database Management (SQL Server)

Duration: 60 minutes| Total Mark: 15

“Selling Point” is one of the renowned shop for selling computer parts in India. The Shop has a stock of 10 Lakhs different computer parts and accessories. As the number of customer coming to the Shop is growing exponentially, Shop management has decided to automate the entire process of Shop including Sell and Purchase. As demand has grown, Shop management also increased number of Parts in the shop.

Create a database “SellingPoint” to store the details of parts available in the shop. This database is designed with the following tables:

Categories				
Field Name	Data Type	Size	Constraints	Remark
CateID	char	6	Primary Key	Category Code
CateName	nvarchar	100	Not null	Category Name (RAM, CPU, HDD, v.v.)
Description	nvarchar	200		More information about this category

Parts				
Field Name	Data Type	Size	Constraints	Remark
PartID	int		Primary key, identity	Computer Part ID
PartName	nvarchar	100	Not null	Part Name
CateID	char	6	Foreign Key, Reference to table Categories	Part's category
Description	nvarchar	1000		Detailed Description of the part
Price	money		Not null, default '0'	Part's price
Quantity	int		default '0'	Number of the part
Warranty	int		default '1'	Number of warranty months
Photo	nvarchar	200	Default 'photo/nophoto.png'	Part's photo

You need to write scripts to perform the following requirements:

1. Create a database as requested above.
2. Create table based on the above design.
3. Insert into each table at least three records.
4. List all parts in the store with price > 100\$.
5. List all parts of the category 'CPU'.
6. Create a view v_Parts contains the following information (PartID, PartName, CateName, Price, Quantity) from table Parts and Categories.
7. Create a view v_TopParts about 5 parts with the most expensive price.

Mark Schema:	
1	Create Database
3	Create all tables
2	Insert data for 3 tables
4	Query the information about the part (question 4, 5). (1 marks for question 5 if not use join)
2.5	Create view v_Parts
2.5	Create view v_TopParts
15	Total Mark