

**AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Course No: CSE4126

Course Title: Distributed Database Systems Lab

Spring 2019 | Mid Term Quiz | Marks 20 | Time: 40 Minutes | Set – B

ID =

SECTION =

Consider the following three relations:

sid	sname	address
1	Sham	Devils Canyon
2	Coyote	RR Asylum
3	Cage	Carrot Patch

**supplier**

pid	pname	color
1	red1	red
2	red1	red
3	green1	green
4	blue1	blue
5	red3	red
6	green2	green
7	blue2	blue

**parts**

sid	pid	cost
1	1	10
1	2	20
1	3	30
1	4	40
1	5	50
2	1	9
2	3	34
2	4	48

**records**

1. Create a **view** that displays the pid, pname, color as view\_pid, view\_pname, view\_color of **parts** relation for which there is no supplier.  
The output will look like as follows:

view_pid	view_pname	view_color
6	green2	green
7	blue2	blue

2. Create a **procedure** that will calculate the total cost for a supplier **sid**. User will give input the **sid**. If user gives input –

**sid = 1** then output will be **150**

**sid = 2** then output will be **91**

**sid = 3** then output will be **0**

3. User will give input a parts **pid**. Use **Cursor** to find the sid, sname, address of the supplier who charges the lowest for that part. See the table below for clarification –

User Input	sid	sname	address
1	2	Coyote	RR Asylum
2	1	Sham	Devils Canyon
3	1	Sham	Devils Canyon
4	1	Sham	Devils Canyon
5	1	Sham	Devils Canyon

**Instructions – Please run the MID.sql file to create and insert the data at first.**