

Assignment-2

Data Management

Answer 1:- All are males with no family members and dead except one.

```
SELECT Last,First,Gender,Age,Class,Fare,Embarked,Survived  
FROM titanic.titanic1  
WHERE Fare = '0';
```

Answer 2:-

```
SELECT count(First) AS No_of_Married_Women  
FROM titanic.titanic1  
WHERE first LIKE 'Mrs.%' AND age > 50 AND Embarked = 'Cherbourg';
```

Answer 3:-

```
SELECT City, max(Avg_Paying) AS Highest_Paying  
FROM (SELECT Embarked AS City, AVG(fare) AS Avg_Paying  
FROM titanic.titanic1  
GROUP BY fare) AS Max ;
```

Answer 4:-

```
SELECT Last AS Most_Common_Last_Name, COUNT(Last) AS  
No_of_Passengers  
  
FROM titanic.titanic1  
  
GROUP BY Last  
  
ORDER BY No_of_Passengers DESC  
  
LIMIT 1;
```

Answer 5:-

```
SELECT Class, count(*) * 100.0 / (SELECT count(*) FROM titanic.titanic1) AS  
Survived_Rate  
  
FROM titanic.titanic1  
  
WHERE Survived = 'yes'  
  
GROUP BY Class;
```

Remark:- Here '***titanic***' is the database name and '**titanic1**' is the table name.

