Program: PGDM(IB) – I TRIM. (*2018-20 Batch*)
Subject: IT for Management
(End Term Examination)

Maximum Marks: 50   **Duration: 3 hours**   **19/9/2018**

Note:
1.   Solve any 3 question from Q1 to Q4.
2.   Please save your work in the folder with the name rollno_pgib

Q1.   Given the data for the inventory of a super store. Perform the following functions.
         A.   Sort the products listed in excel worksheet Q1 according to Category and the by   [2]
              Product Name.
         B.   Filter all products whose order quantity is 150.   [2]
         C.   Highlight all products whose Inventory value is more than $1000.   [3]
         D.   Find the average unit price of all products which belong to category Groceries. [3]

Q2.   A.   Prepare a Gantt chart to represent the completion of tasks given in the excel   [5]
              worksheet Q2.A
         B.   Given the revenue generated by different countries for a product of company   [5]
              Amaze. Apply excel functions to find out the revenue generated by Mexico in
              2016. Use data given in excel worksheet Q2.B

Q3.   A.   Use Pivot Table to display the expenses in the service month Mar-07 for each   [5]
              group segment of different groups. Use data given in excel worksheet Q3.A
         B.   Given the costs and revenues for a Concert, create 3 scenarios as follows: [5]

Small Venue	Medium Venue	Large Venue
# seats : 300	# seats : 500	# seats : 700
Venue rental : 500	Venue rental : 700	Venue rental : 900
Amplification : 300	Amplification : 400	Amplification : 600
Lightning : 250	Lightning : 350	Lightning : 450
Ticketing : 200	Ticketing : 200	Ticketing : 200
Security : 150	Security : 250	Security : 350
Insurance : 100	Insurance : 300	Insurance : 500
Price/ticket : 30	Price/ticket : 50	Price/ticket : 70

Generate a report to show the difference between the 3 scenarios.
Use data given in excel worksheet Q3.B.

Q4.   A.   A company has decided to pass on a new policy. The total number of employees   [5]
              of the company is 5600. To pass the new policy 75% of votes are required in the
              favor of the policy from the employees. Calculate the no. of votes required to
              pass the policy using Goal Seek.
         B.   Create a macro to format a cell in excel.   [2]
         C.   Given the dates of audit conducted in the different cities. Find out the city   [3]
              where multiple audits where conducted in the same year. Use excel worksheet
              Q4.C

Q5.   A.   Create the tables Customer, Employee and Customer Service in MS-Access with   [10]
              the following fields, create relationships among the tables and insert data as
              given below:

Customer

CustomerID	FirstName	LastName	CompanyName	NumEmployees	DiscountRate	CustomerSince
1	Richard	Rost	Access Learning Zone	2	0.5	2000
2	Joe	Smith	BAC Corp	500	0.1	2004
3	Suzan	Jones	123 Packing	25	0.1	1998
4	Alan	Watson	Forestry Services	16	0	2006
5	Anna	Picore	Pharmacom	3500	0	2007
6	Ronald	Simms	LMNOP Wholesale	30	0	2000
7	Donald	Barker	GamerSkum Inc.	900	0	2008
8	Benny	Sperduti	Euro Real Estate Inc.	10	0.2	1999
9	Peter	Smith	XYZ Corp	1	0.5	2002
10	Barbra	Peters	NEW Corp	1	0	2009

Employee

EmployeeID	FirstName	LastName
1011	John	Sequira
1012	Mary	Joe
1014	Shaun	Cair
1015	Clark	Flair

Customer Service

CustomerID	EmployeeID
1	1011
2	1012
3	1014
4	1015
5	1015
6	1012
7	1011
8	1012
9	1014
10	1015

B. Perform the following queries on the table created: [10]
    i.   Search all customers whose first name starts with "R".
    ii.   Update the discount rate to 0.5 for the company "GamerSkum Inc".
    iii.   Delete customer whose last name is "Rost".
    iv.   Display Employee Name who services the with FirstName "Suzan".
    v.   Display all customers serviced by Employee "Clark".

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