EASTERN UNIVERSITY SRI LANKA
FACULTY OF COMMERCE AND MANAGEMENT
FIRST EXAMINATION IN BBA/BCOM - 2017/ 2018
SECOND SEMESTER (Jan, 2020)
MGT 1032 – COMPUTING THEORY AND APPLICATION - II
PRACTICAL

Answer all questions   **Time allowed: 02 hours**

Important Instructions:

- This paper has **02 questions** and **04 pages**.

- Note that questions appear on both sides of the paper. If a page is not printed, please inform the supervisor immediately.

- Create a folder on the Desktop and name it with your index number (e.g. MS #### or COM ####). Save all your work files of all the questions into this folder. If the answers were not found in the above said folder, they will not be marked.

- Make sure that all your work files are copied by the examiners before leaving the Laboratory.

Q1)

Participant ID	Title	Full Name	Name with Initial	Category	Area of Specialization	Registration Fee	No of Papers	Total Amount	Late Registration Fee	Net Amount
							3			
IN-AGR-101	Mr	Rahul Nathan					1			
EX-MGT-102	Miss	Riyana Ahamed					2			
EX-MGT-103	Mr	Amila Perera					1			
ST-ECN-104	Mr	Stephen Brown					4			
IN-ECN-105	Miss	Priya Raj					2			
ST-SCN-106	Mr	Steve David					3			
ST-SCN-107	Mrs	Praba Geeth					2			
IN-AGR-108	Mrs	Suresha Amal								

The table header reads "International Conference - Participant Details".

Summary By Category

Category	Total Net Amount
External	
Internal	
Student	

a) Create the above worksheet using MS Excel and save it as **"Conference.xlsx"** into the folder created as per the instructions.

b) Fill the column **"Name with Initial"** using suitable function.
   (E.g. Rahul Nathan will be Mr.R.Nathan)

c) Fill the column **"Category"** using suitable function according to the followin conditions. First two letters from left side of the given Participant ID represen Category. If the **"Participant ID"** starts with "IN"- Internal, "EX"- External and "ST Student.

d) Fill the column **"Area of Specialization"** using suitable function according to t following conditions. **Participant ID** is interpreted as follows: Text in between t hyphens of the given Participant ID represent Area of Specialization. If the text (th letters) has **"AGR"**- Agriculture, **"MGT"**- Management, **"ECN"**- Economics and **"SCN"**- Science.

e) Use the following criteria to fill the "Registration Fee" column using suitable functi

Category	Registration Fee
External	2000
Internal	1000
Student	500

f) Calculate the **Total Amount** by using the following equation.
   Total Amount=Registration Fee * No of Papers

g) Use the following criteria to fill the "Late Registration Fee" column using suitable function.

Category	Late Registration Fee
External	10% Of the Total Amount
Internal	5% Of the Total Amount
Student	3% Of the Total Amount

h) Calculate the **Net Amount** by using the following equation.
Net Amount = Total Amount + Late Registration Fee

i) The table "**Summary by Category**" is the summary of the main table. Fill the column "**Total Net Amount**" using suitable function.

j) Create a Column Chart that shows the **Total Amount** by each Participant's **Participant ID (Participant ID *vs* Total Amount)** and insert "**International Conference**" as the title of the chart.

Q2)

a) Create a blank database using MS Access and save it as "**Research.accdb**" into the folder created as per the instructions.

b) Create the table **Author** with the following fields and data type. Set "AuthorID" as the primary key.

Field Name	Data Type
AuthorID	Short Text
Author Name	Short Text
Age	Number
Gender	Lookup Wizard (Male, Female)
Category	Lookup Wizard (External, Internal, Student)
PaperID	Short Text

c) Insert the following records to the table **Author**.

AuthorID	Author Name	Age	Gender	Category	PaperID
AU101	Rahul Nathan	45	Male	Internal	PD11
AU102	Stephen Brown	50	Male	External	PD12
AU103	Rihana Ahamed	24	Female	Student	PD13
AU104	Rohan Arnold	40	Male	Internal	PD14
AU105	Nuwan Silva	35	Male	Internal	PD14
AU106	Amila Perera	25	Male	Student	PD13

AU107	Priya Raj	38	Female	Internal	PD14
AU108	George David	40	Male	External	PD13

d) Create the table **Paper** with the following fields and data type. Set "PaperID" as the primary key.

Field Name	Data Type
PaperID	Short Text
Title	Short Text
Area of Specialization	Lookup Wizard (Management, Agriculture, Economics)
Published Year	Number

e) Insert the following records to the table **Paper**.

PaperID	Title	Area of Specialization	Published Year
PD11	Risks, benefits and disadvantages of different organization structures	Management	2010
PD12	Climate change adaptation strategies in agriculture	Agriculture	2009
PD13	A historical review on early HRM practices in Sri Lanka	Management	2014
PD14	Impact of technology in banking and financial services	Economics	2016

f) Create Query to get the following results:

1) Display AuthorID, Author Name and Category of Male Authors and save it as "Q1".

2) Display PaperID, Title and Area of Specialization of Papers and save it as "Q2".

3) Display Author Name and Gender of External Category Authors who has age greater than 40 and save it as "Q3".

4) Display Author Name and Title of the Papers which are published in 2014 and save it as "Q4".

5) Display Author Name, Category and Title of the Papers which have Author Name start with "R" and save it as "Q5".

6) Display Author Name and Title of Management related papers which are published from 2012 to 2015 and save it as "Q6".

g) Create a Report to display Author Name, Category, PaperID and Area of Specialization and save it as **"Research Paper Details"**.