

K. J. SOMAIYA INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH

Program: MFM, 1st Semester (Batch 2019-22)

Subject: Information Technology (IT) for Management
(End Trimester Examination)

Maximum Marks: 50

Duration: 3 hours

Time: 03:00 P.M.

Date: 20th Nov., 2019.

Instructions

1. Section A is Compulsory. It carries 20 Marks.
2. Attempt Any Three (3) from Section B. Each question in Section B carries 10 Marks.
3. Start the Answer on a Fresh page only.
4. Answer in Ascending Order only.
5. Draw Diagrams wherever necessary.
6. Bonus marks will be given for following instructions & neatness.

SECTION A

- 1) The excel sheet is provided with Category, Flavour, Unit Cost, Unit Size Number, Package Size, Inventory and Total Cost. Use excel to do the following:
 - a) Group and Subtotal the data (Total Cost) based on Category in Sheet1.
 - b) Group and Subtotal the data (Package Size) based on Category in Sheet2.
 - c) Use Conditional Formatting to highlight Unit Cost more than 50.
 - d) Use Conditional Formatting to highlight Total Cost between 100 and 300.

SECTION B

- 2) Write a New Year Party Invitation.
 - a) Insert a Drop Cap, Smart Art and different Shapes
 - b) Create a list of five (5) friends.
 - c) Use Mail Merge to send the New Year Party Invitation to your friends.
- 3) Create a presentation on any topic using five (5) slides.
 - a) Give a different background pattern/s on every slide.

b) Give a different transition on every slide.

4) Create a following 'Supplier' table:

Field Name	Data Type	Size	Primary Key
SupplierID	AutoNumber	-	Primary Key
Name	Text	25	-
Country	Text	25	-
Mobile	Number	-	-

a) Insert ten records.

b) Create a query to show the country in ascending order.

5) You are responsible for collecting data from a clinical trial of Drug X. Drug X is postulated to affect blood levels of a certain hormone (hormone H), so levels of the hormone will be measured before and after treatment with X. In addition to the hormone data, five other pieces of information will be collected from each participant in the trial. The Variable details are:

Variable name	Data type
Surname	Nominal
Gender	Nominal (1 as Male and 2 as Female)
Age	Scale
Income	Scale
Smoker	Nominal (1 as Smoker and 2 as Non-smoker)
Hbefore	Scale
Hafter	Scale

The data table is as follows:

Surname	Gender	Age	Income	Smoker	Hbefore	Hafter
ROBBINS	Female	32	46000	Non-smoker	94.58	88.79
MCGREGOR	Male	33	58000	Non-smoker	106.12	78.25
KUMAR	Male	38	47000	Smoker	88.11	102.45
ALLINSON-HENRY	Female	51	55000	Non-smoker	83.62	63.82
OLDER	Male	44	28000	Non-smoker	72.31	77.50

Find out the correlation between:

a) Smoker and Hbefore

b) Smoker and Hafter

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