



Plot No. 2, Knowledge Park-III, Greater Noida (U.P.) – 201306

## POST GRADUATE DIPLOMA IN MANAGEMENT (2018 - 2020) MID TERM EXAMINATIONS (TERM - VI)

Subject Name **Business Analytics II**  
Sub. Code VACC

Time: 01.30 hrs  
Max Marks: 20

**Note:**

1. Writing anything except Roll Number on question paper will be deemed as an act of indulging in unfair means and action shall be taken as per rules.
2. All questions are compulsory in Section A, B & C. Section A carries 1 Case Study of 8 marks. Section B carries 3 questions of 2 marks each and Section C carries 2 questions of 3 marks each.

### SECTION - A

**04+04 = 08 Marks**

**Question 1: Import the data from the MS-Access file and then create the Pivot Tables**

(A)

Sum of SALES	Column Labels				Grand Total
Row Labels	BOTTLES	ICE CUBES	SOFT DRINKS	TONIC	Grand Total
GIN ON THE RUN CO	2084910	2203948	2037353	2010602	8336813
LONG ISLANDS INC	2107070	1765634	53994137	1949716	59816557
MOJITOS R US	1954187	1921489	2085086	2110959	8071721
TEQUILA TACOS LTD	2011011	1972629	2012690	2161704	8158034
<b>Grand Total</b>	<b>8157178</b>	<b>7863700</b>	<b>60129266</b>	<b>8232981</b>	<b>84383125</b>

(B) Only those Channel Partners whose name doesn't start with alphabet 'A' and the sum of sales should be between 360000 and 400000

Row Labels	Sum of SALES
Mooby Corp	360024
Mr. Sparkle	397387
Spacely Sprockets	364359
St. Anky Beer	361164
Videlectrix	399812
<b>Grand Total</b>	<b>1882746</b>



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## SECTION - B

01×06 = 06 Marks

### Question 2: Data Cleaning with the Formula

BEFORE	After FORMULA	REMARKS
14023	14023	There are unnecessary spaces before the value in A2 cell. You need to change it to the value in B2 (without any spaces)
123456789	12345-6789	You need to insert a 'hyphen' in the sixth place in the string
123-456	123/456	You need to change the hyphen with a 'forward slash' mark
300	91.44	Convert value in A5 (in FEET) to Meters
JOHN SMITH	John Smith	Change the upper case text to Proper case
254686986	254686986	Clean the text for correct value

## SECTION - C

03×02 = 06 Marks

### Question 3: Data Corrections

Raw Data from the left needs to be Corrected. All BLANKS to be replaced with the "NO DATA" in three to four steps only.

CUSTOMER	REGION	ORDER DATE	SALES	MONTH	YEAR
	NORTH	4/13/2015	\$55,815	April	
Widget Corp	NORTH	12/21/2015	\$94,908	December	2014
123 Warehousing		2/15/2015	\$57,088	February	2014
Smith and Co.	SOUTH	6/28/2015	\$63,116	June	2015
ABC Telecom	2015	8/22/2015	\$57,650	August	2015
Fake Brothers	WEST	12/31/2015	\$90,967	December	2015
Acme, inc.	NORTH	4/13/2015	\$55,815	April	2014
Smith and Co.	SOUTH	6/28/2015		June	2015
	SOUTH	1/15/2015	\$38,281	January	
Foo Bars	SOUTH	1/15/2015	\$38,281	January	2015
Smith and Co.	SOUTH	6/28/2015	\$63,116	June	2015
ABC Telecom	2015	8/22/2015	\$57,650	August	2015
Fake Brothers	WEST		\$90,967	December	2015
Acme, inc.	NORTH	4/13/2015	\$55,815	April	2014
Smith and Co.	SOUTH	6/28/2015	\$63,116	June	2015
Foo Bars	SOUTH	1/15/2015	\$38,281	January	2015
	SOUTH	1/15/2015	\$38,281	January	2015



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## Corrected Version

CUSTOMER	REGION	ORDER DATE	SALES	MONTH	YEAR
NO DATA	NORTH	4/13/2015	\$55,815	April	NO DATA
Widget Corp	NORTH	12/21/2015	\$94,908	December	2014
123 Warehousing	NO DATA	2/15/2015	\$57,088	February	2014
Smith and Co.	SOUTH	6/28/2015	\$63,116	June	2015
ABC Telecom	2015	8/22/2015	\$57,650	August	2015
Fake Brothers	WEST	12/31/2015	\$90,967	December	2015
Acme, inc.	NORTH	4/13/2015	\$55,815	April	2014
Smith and Co.	SOUTH	6/28/2015	NO DATA	June	2015
NO DATA	SOUTH	1/15/2015	\$38,281	January	NO DATA
Foo Bars	SOUTH	1/15/2015	\$38,281	January	2015
Smith and Co.	SOUTH	6/28/2015	\$63,116	June	2015
ABC Telecom	2015	8/22/2015	\$57,650	August	2015
Fake Brothers	WEST	NO DATA	\$90,967	December	2015
Acme, inc.	NORTH	4/13/2015	\$55,815	April	2014
Smith and Co.	SOUTH	6/28/2015	\$63,116	June	2015
Foo Bars	SOUTH	1/15/2015	\$38,281	January	2015
NO DATA	SOUTH	1/15/2015	\$38,281	January	2015

### Question 4:

	A	B	C	D	E	F	G
1							
2	<b>CUSTOMER</b>	<b>REGION</b>	<b>ORDER DATE</b>	<b>SALES</b>	<b>MONTH</b>	<b>YEAR</b>	<b>Tax</b>
3	Acme, inc.	SOUTH	4/13/2015	\$55,815	April	2014	2790.75
4	Widget Corp	SOUTH	12/21/2015	\$94,908	December	2014	4745.4
5	123 Warehousing		2/15/2015	\$57,088	February	2014	2854.4
6	Demo Company	WEST	5/14/2015	\$56,539	May	2014	2826.95
7	Smith and Co.	SOUTH	6/28/2015	\$63,116	June	2015	3155.8
8	Foo Bars	SOUTH	1/15/2015	\$38,281	January	2015	1914.05
9	ABC Telecom		8/22/2015	\$57,650	August	2015	2882.5
10	Fake Brothers	WEST	12/31/2015	\$90,967	December	2015	4548.35
11							
12							
13	<b>Tax Rate</b>	<b>5%</b>					
14	<b>Revised Rate</b>	<b>10%</b>					
15	<b>REMARKS</b>						
16	<b>Column G represents the Tax on the Sales As per the Tax rate applicable.</b>						
17	<b>Initially tax calculated as per b12. You need to convert the whole calculation as per revised rate.</b>						
18							