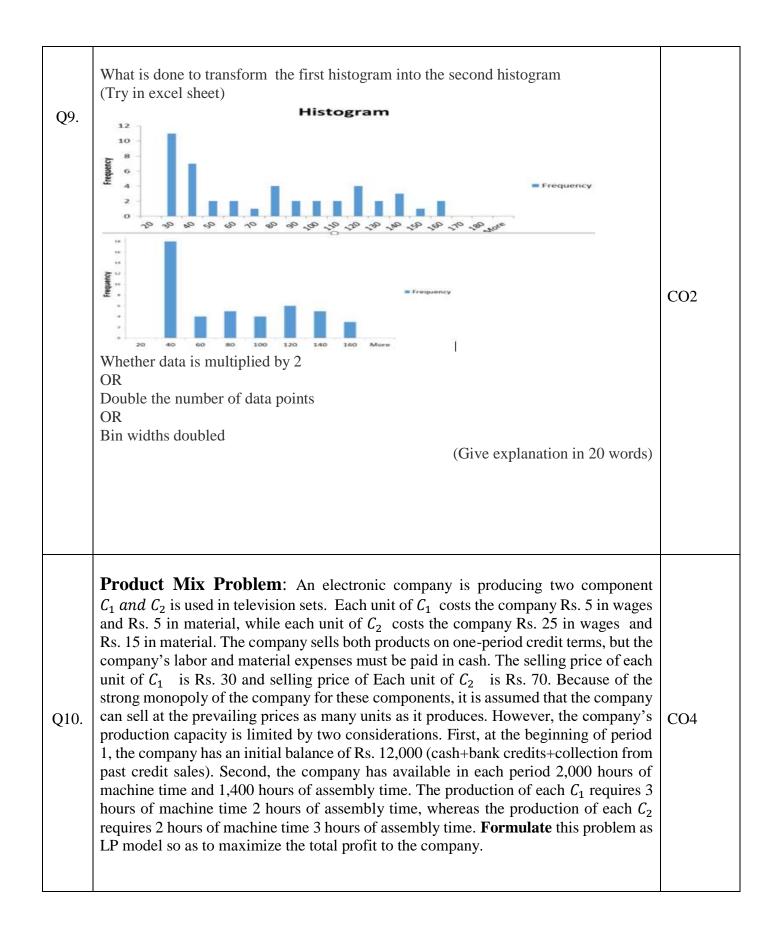
Name: Enrolı	nent No: UNIVERSITY OF PETRO	UNIVERSITY WITH A P OLEUM & ENERGY STUDIES nation (Online) – Jan, 2020		
Subjec	mm: MBA- (DB) et/Course: Spreadsheet Modeling e Code: DSIT 7013	S N	Semester: I Max. Marks: Duration: 3 H	100
2. In 3. Se	Seach question will carry 5 marks struction: Complete the statement / Selec and the excel sheet in mail ID and snap sh upload in code tantra		nd converted	l in pdf
Q.No	Question Content		CO	<u>с</u>
Q1.	Write all the correct formula to get the val C3 you enter (a) =C3*1.10 (b) =C3*.10 (c) =C3*0.90 (d) =(C3-(C3*0.10))	ue in cell C1 10% lesser than the nu	umber in CC	D1
Q2.	Given the formula =IF(A1<10, "low", IF(A1<20, "middle", " If the value of A1 is 10, what will the form (a) low (b) medium (c) high (d) none of the above		CC	D1

Q3.	Cake Biscuits Bread What will t	2 5 3 he VLO	8 7 5 OKUP forr	nula retur		UP(E1,\$A\$1:\$C\$3,3,FALSE)	
Q4.	Size Level What will t	0 S he HLO	5 M OKUP forr	10 L nula retur	15 XL n?	=HLOOKUP(10,\$A\$1:\$E\$2,2,FALSE)	CO1
Q5.		a) Scat b) Scat c) Scat	ter plots ca ter plots ea ter plots he	n be used sily show lp visuali	to visual time trer ze relatio	n of a scatter plot and why? ize any two variable. nd nship between two variables o between many variables.	CO1
Q6.	a) Edit b) Yea c) Pivo	ing a Pi rs, mont ot Table	vot Table in hs, days, h	mpact the ours and s lly calcul	original seconds c ate grand	s? Select all the correct answers. data source an group dates in a Pivot Table. total of rows and columns.	CO1

			na conceny	<sup>7</sup> find the t	Otal Ulli alli	ount in	excel/Bill s	heet.
	A	В		C			D	СО
1	Item	Quantity		Price Lo	okup		Total Price	
2	Strawberry shake	9	=VLOOKUP(	A2, 'Sheet 2	'!\$A\$2:\$B\$6,2,	FALSE)	=B2*C2	- Ann
3		7						
4	Appricot shake	2						in
5		6						
6		3						
7							=SUM(C2:C6)	
-			e&shake	Bill	Item Pric	ing	÷	
					1	-		
	A Item		в	c	Item Pric	ing E	(+) F	
1	Item	Pri			1	-		
1 N 1	1 Item 2 Strawberry s	Pri	B ce /glass		1	-		
W 111 4	Item           2         Strawberry sl           3         Banana Shake           4         Appricot shale	Pri hake e	B ce /glass ₹45.00 ₹30.00 ₹40.00		1	-		
to A in M	Item       2     Strawberry sl       3     Banana Shake       4     Appricot shale       5     Orange juice	Pri hake ke	B ce /glass ₹45.00 ₹30.00 ₹40.00 ₹20.00		1	-		
N 11 4 10 0	Item       2     Strawberry sl       3     Banana Shake       4     Appricot shale       5     Orange juice       5     Pineapple ju	Pri hake ke	B ce /glass ₹45.00 ₹30.00 ₹40.00		1	-		
to A in M	Item           2         Strawberry sl           3         Banana Shaka           4         Appricot shal           5         Orange juice           5         Pineapple ju           7         7	Pri hake ke ice	B <pre> </pre> <pre>  <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>  <pre>   <pre>  <pre>   <pre>   <pre>  <pre>   <pre>  <pre>  <pre>   <pre>  <pre>   <pre>  <pre>   <pre>  <pre>   <pre>  <pre>  <pre>  <pre>   <pre>   <pre>  <pre>   <pre>  <pre>   <pre>  <pre>  <pre>   <pre>  <pre>   <pre>   <pre>  <pre>   <pre>  <pre>   <pre>   <pre>  <pre>   <pre>   <pre>  <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	c	D	E	F	



A major consumer goods manufacturer wishes to decide which of the two new products to bring out on the market and what level of advertising to use. The profit tables for these products are as follows(profits are in units of Rs. 10,000):

Q11	۱.
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States of		Product	1		Product	2
Nature(demand)	A1	A2	A3	A1	A2	A3
S1:high	140	160	200	200	210	230
S2: average	100	130	160	160	170	190
S3: low	80	120	140	120	130	140

CO3

A1: low expenditure advertising programme

A2: medium expenditure advertising programme

A3: high expenditure advertising programme

## **Questions:**

Find /Analyze the best strategy considering the following uncertain situation

**1**. The criterion of Pessimism or Maximin

2. The criterion of Optimism or Maximax

3. Minimax Regret Criterion

4. Criterion of Realism (Hurwitz)

struction: Long Answer type /Critical the information/data given below and U opy the mathematical annotation/model Total Variable Cost Total Profit considering the defective p Simulation of profit on various quantity Simulation of Profit on various quantity	sing spreadsheet, Develop the model in the answer script : ieces y as well as different labour cost Track Suit Manufacturing	
	Manufacturing	
	Track suits for	
ct To be Made	sportsperson	
Cost –FC to stablish warehouse	₹ 1,565,500.00	
rial Cost per unitMC	₹ 300.00	004
ed Indirect Cost per unitIC	₹ 120	CO4
r Cost per unitLC	₹ 150 ₹	
ue per unitR	1,475.00	
efective pieces made but can't be soldD	4.00%	
	Calculate Total Profit	
roduced(q)	2000	
le	ue per unitR efective pieces made but can't be soldD	₹ ue per unitR 1,475.00 efective pieces made but can't be soldD 4.00% Calculate Total Profit