Name: Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES

End Semester Examination (Online) – July, 2020

Program: BBA (ABD, FBE) Subject/Course: Spreadsheet in Business

Course Code: DSQT1012

Semester: II Max. Marks: 100

Duration: 3 Hours

Marks

COs

IMPORTANT INSTRUCTIONS

- 1. The student must write his/her name and enrolment no. in the space designated above.
- 2. The questions have to be answered in this MS Word document.
- 3. After attempting the questions in this document, the student has to upload this MS Word document on Blackboard.
- 4. Attempt any five questions. Each question carries equal marks.
- 5. After finding solution of the provided questions, students need to paste their result in the provided word sheet and upload this word file along with the Excel file with complete solution.

			A	В	С	D	Е			
	1	Movie		Budget(in Rs.)	World Gross (in Rs.)	Profit	Flop or Not			
	2	Spider N	Man 3	258,000,000	887,436,184					
0.1	3	King Ko	ong (2005)	207,000,000	553,080,025					
	4	Spider N	Man Returns	204,000,000	391,081,192				20	GO1
Q.1	5	Spider N	Man-2	200,000,000	784,024,458				20	CO1
	6	Titanic		200,000,000	1,835,400,000					
	Write a function to calculate whether each movie was a flop or success. Use the following criteria: If the profit was less than 100,000,000 then the movie is a flop. Otherwise movie is a success. The provided table indicate the quantity of different colour fruit purchased by Ram.									
		r	A		В		C			
		1		\pple	Green		NA			
		2	N	lango	Yellow	110				
		3	N	1ango	Green	300				
Q.2		4	Apple		Red	200				
		5	Apple		Green	NA			20	CO2
		6	Mango		Green	210				
		7		Apple -	Red		NA			
		8		lango	Green		300			
		9		nango	Yellow		110			
		10	0	range	Yellow		135			

	(i) (ii) (iii) (iv) (v)	Column C. Write an app Qualitative) Write an app Write an app	propriate function propriate function in Column C. propriate function propriate function propriate function	to count cell to find the to	s having all votal quantity cotal quantity	ralues (Num of yellow fro of Green M	erical, uits. ango.		
		A	В		С		D		
	1	Footballe			Yellow Cards	-	Action		
	2	Archit	8500		8				
	3	John	87,50		5				
	4	Michel	9000	+	35				
	5	Nigel	8950		17				
	6	Christophe			22				
	7	David	4700		30				
	8	Denial	3600	+	7				
	9	Ronaldo	7840		12				
Q.3		limmy						20	CO3
Q.3	10	(i) I	7836 6780 xcel based on the f the number of ye	00\$ 00\$ following coallow cards is	2 10 nditions:	or equal to	30, then th		CO3
Q.3	10	Vivek function in Ex (i) I fi (ii) I (iii) I	7836 6780 xcel based on the	following corellow cards is salary. yellow cards	2 10 nditions: s greater than s greater than is less than 1	or equal to	10, then th	e e	CO3
Q.3	10	Vivek function in Ex (i) I fi (ii) I (iii) I	7836 6780 xcel based on the fine is 10% of their fine is 2% of their fine fine is 2% of their fine fine fine fine fine fine fine fine	following corellow cards is salary. yellow cards	2 10 nditions: s greater than s greater than is less than 1	or equal to	10, then th	e e	CO3
Q.3	Write the	Vivek function in Ex (i) If (ii) If (iii) I (iv) I	7836 6780 xcel based on the f the number of your ine is 10% of their f the number of you ine is 2% of their If the number of you have a color in cell Find the Average	following coellow cards is salary. Vellow cards is salary of the	2 10 nditions: s greater than s greater than is less than 1 footballer per	or equal to 0, then inse r month.	10, then the term of the term	e e	CO3
Q.3	Write the	Vivek function in Ex (i) If (ii) If (iii) I (iv) I	7836 6780 xcel based on the fine is 10% of their fine is 2% of their fine is 2% of their fine is 2% of their fine humber of years. Find the Average	following corellow cards is salary. yellow cards is salary. yellow cards is salary of the	2 10 nditions: s greater than s greater than is less than 1 footballer per	or equal to 0, then inse r month.	10, then the tends	e e	CO3
Q.3	Write the	Vivek function in Ex (i) I fi (ii) I (iii) I (iv) I	7836 6780 xcel based on the fine is 10% of their fine is 2% of their fine humber of your fine is 2% of their fine humber of your fine humber of y	following corellow cards is salary. yellow cards is salary. yellow cards is salary of the	2 10 nditions: s greater than s greater than is less than 1 footballer per	or equal to 0, then inse r month.	10, then the term of the term	e e	CO3
Q.3	10 11 Write the	Vivek function in Ex (i) I: (ii) I: (iii) I: (iii) I: (iv) I A ROLL NO. R194219007	7836 6780 xcel based on the fifthe number of yeine is 10% of their fifthe number of yeine is 2% of their If the number of yeine is 2% of their If the number of yeine is 2% of their If the Action" in cell Find the Average B NAME SAGAR PRAJJWAL BAJPAI	following corellow cards is ralary. ellow cards is salary. ellow cards is salary of the C Total Marks 500 500	2 10 nditions: s greater than s greater than is less than 1 footballer per	or equal to 0, then inse r month.	10, then the term of the term	e e	CO3
	10 11 Write the	Vivek function in Ex (i) If (ii) If (ii) If (iii) I (iv) I A ROLL NO. R194219012 R194219007 R194219015	7836 6780 xcel based on the fine is 10% of their fine is 10% of their fine is 2% of t	following corellow cards is salary. yellow cards is salary. yellow cards is salary of the C Total Marks 500 500	2 10 nditions: s greater than s greater than is less than 1 footballer per Marks Obtain 275 365 405	or equal to 0, then inse r month.	10, then the term of the term	e e st	
	10 11 Write the	Vivek function in Ex (i) If (ii) If (ii) If (iii) I (iv) I A ROLL NO. R194219012 R194219015 R194219016	7836 6780 xcel based on the fifthe number of your ine is 10% of their fifthe number of your ine is 2% of their If the number of your ine is 2% of their If the number of you in celevate which is a substitution of your ine is 2% of their If the number of your in celevate which is a substitution of your inequality in the Average B NAME SAGAR PRAJJWAL BAJPAI YASHRAJ ARCHIT KOHLI	following corellow cards is realary. rellow cards is salary. rellow cards is salary of the C Total Marks 500 500 500	2 10 nditions: s greater than s greater than is less than 1 footballer per D	or equal to 0, then inse r month.	10, then the term of the term	e e	CO3
	10 11 Write the	Vivek function in Ex (i) If (ii) If (ii) If (iii) I (iv) I A ROLL NO. R194219012 R194219015 R194219016 R194219001	7836 6780 xcel based on the fine number of your ine is 10% of their fine is 2% of their If the number of your ine is 2% of their If the number of your in celevation in the Average B NAME SAGAR PRAJJWAL BAJPAI YASHRAJ ARCHIT KOHLI BHAVIN GARG	following corellow cards is realary. Follow cards is salary. Follow cards is salary of the C Total Marks 500 500 500 500	2 10 nditions: s greater than s greater than is less than 1 footballer per Marks Obtain 275 365 405 200 180	or equal to 0, then inse r month.	10, then the term of the term	e e st	
	10 11 Write the	Vivek function in Ex (i) If (ii) If (ii) If (iii) I (iv) I A ROLL NO. R194219012 R194219015 R194219016 R194219001 R194219006	7836 6780 xcel based on the fine is 10% of their fine is 10% of their fine is 2% of their If the number of your incest in the number of your incest in the number of you have a second in the Average B NAME SAGAR PRAJJWAL BAJPAI YASHRAJ ARCHIT KOHLI BHAVIN GARG ISHITA	following corellow cards is realary. Follow cards is salary. Follow cards is salary of the C Total Marks 500 500 500	2 10 nditions: s greater than s greater than is less than 1 footballer per D	or equal to 0, then inse r month.	10, then the term of the term	e e st	
	10 11 Write the	Vivek function in Ex (i) If (ii) If (ii) If (iii) I (iv) I A ROLL NO. R194219012 R194219015 R194219016 R194219001	7836 6780 xcel based on the fine number of your ine is 10% of their fine is 2% of their If the number of your ine is 2% of their If the number of your in celevation in the Average B NAME SAGAR PRAJJWAL BAJPAI YASHRAJ ARCHIT KOHLI BHAVIN GARG	following corellow cards is realary. Follow cards is salary. Follow cards is salary of the C Total Marks 500 500 500 500	2 10 nditions: s greater than s greater than is less than 1 footballer per Marks Obtain 275 365 405 200 180	or equal to 0, then inse r month.	10, then the term of the term	e e st	
	10 11 Write the	Vivek function in Ex (i) If (ii) If (ii) If (iii) I (iv) I A ROLL NO. R194219012 R194219015 R194219016 R194219001 R194219006	7836 6780 xcel based on the fine is 10% of their fine is 10% of their fine is 2% of their If the number of your incest in the number of your incest in the number of you have a second in the Average B NAME SAGAR PRAJJWAL BAJPAI YASHRAJ ARCHIT KOHLI BHAVIN GARG ISHITA	following corellow cards is resalary. Follow cards is salary. Follow cards is salary of the CTOTAL MARKS 500 500 500 500 500	2 10 nditions: s greater than s greater than is less than 1 footballer per Marks Obtain 275 365 405 200 180 300	or equal to 0, then inse r month.	10, then the term of the term	e e st	
Q.3	10 11 Write the	Vivek function in Ex (i) If (ii) If (ii) If (iii) I (iv) I A ROLL NO. R194219012 R194219007 R194219016 R194219001 R194219006 R194219010	7836 6780 xcel based on the fine number of your ine is 10% of their fine is 2% of their If the number of your ine is 2% of their If the number of your in celevation in the Average B NAME SAGAR PRAJJWAL BAJPAI YASHRAJ ARCHIT KOHLI BHAVIN GARG ISHITA PUSHPENDRA	following corellow cards is resalary. Follow cards is salary. Follow cards is salary of the Total Marks 500 500 500 500 500 500	2 10 nditions: s greater than s greater than is less than 1 footballer per D	or equal to 0, then inse r month.	10, then the term of the term	e e st	

	a b	NumberNumber	of student of student of student	ts pass ts pass ts pass t	with first Di with second with third D	excel to calculation (>=65% Division (>=5% Division (<50% (%)	%) 50% and <6	55%)			
			_		_	_	_				
	1	A	В	С	D	E	Pass at least	G Pass two	Pass at least		
	2	Name	Statistics	Maths	Spreadsheets	Pass 3 Subjects	1 subject	Subjects	2 subject		
	3	Sejal	52	34	54						
	4	Mehak	69	58	45						
	5	Archit	72	62	12						
Q.5	Writ mark	KS.				onditions, con		-	•	20	CO2
	1					bject" , write a ent pass at leas					
	(k) In the 6 th The resu 1) In the 7 th	column ' lt is True column ' column ' The resul	'Pass 2 if the st 'Pass a t is Tru	Subjects", audent pass 2 t least 2 Su e if the stud	write a formu	la to display	y TRUE o			
	((k) In the 6 th The resu (l) In the 7 th FALSE.	a column ' It is True a column ' The resul led data se	'Pass 2 if the st 'Pass a t is Truet et in Exc	Subjects", rudent pass 2 t least 2 Su e if the stud	write a formula 2 subjects. bject", write a ent pass at lease	la to display	y TRUE o			
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	Copy	(k) In the 6 th The resu (l) In the 7 th FALSE. y the provid Usual 1 Wor	column ' It is True Column ' The resul ded data se Hours ked D	'Pass 2 if the st 'Pass a t is True t in Exc	Subjects", rudent pass 2 t least 2 Su e if the studecel . Bucation (yrs) 13 12	c Yearly Earnings \$44,000 \$12,000	n formula to st 2 subject. Race White White	y TRUE of display To d	F Region North East		
0.6	Copy 1 2 3	(k) In the 6 th The resu (l) In the 7 th FALSE. y the provid Wor 40 35	column ' It is True Column ' The resul Led data se Hours Led D D	'Pass 2 if the st 'Pass a t is True t in Exc	Subjects", audent pass at least 2 Sure if the stude cel . Bucation (yrs) 13 12 11	vrite a formula subjects. bject", write a ent pass at least teat teat teat teat teat teat teat	p Race White White	y TRUE of display To display The E Sex Male Female Male	F Region North East North	20	CO3
Q.6	Copy 1 2 3 4	(k) In the 6 th The resu 1) In the 7 th FALSE. y the provid A Usual 1 Wor 40 35	column ' It is True column ' The resul ded data se Hours ked 0 5	'Pass 2 if the st 'Pass a t is True t in Exc	Subjects", rudent pass 2 t least 2 Su e if the studecel . Bucation (yrs) 13 12	c Yearly Earnings \$44,000 \$12,000 \$54,000 \$48,200	p Race White White Black	y TRUE of display To d	F Region North East	20	CO3
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Q.6	Copy 1 2 3 4 5 6	(k) In the 6 th The resu 1) In the 7 th FALSE. y the provid Wor 40 33 70 40 38	r column ' It is True r column ' The resul ded data se Hours ked 0 5 0 0 8	'Pass 2 if the st 'Pass a t is True t in Exc	Subjects", and and pass of the stude if the	c Yearly Earnings \$44,000 \$12,000 \$54,000 \$48,200	p Race White White Black White	y TRUE of display To display The Estate Male Male Male	F Region North East North west south	20	CO3
Q.6	Copy 1 2 3 4 5 6 7	(k) In the 6 th The result of	column ' It is True Column ' The resul Led data section L	'Pass 2 if the st 'Pass a t is True t in Exc	Subjects", andent pass at least 2 Sure if the stude cel . Bucation (yrs) 13 12 11 16 12 18	c Yearly Earnings \$44,000 \$12,000 \$54,000 \$48,200 \$24,000 \$62,000	p Race White White Black White White White	y TRUE of display To d	F Region North East North west south North	20	CO3
Q.6	Copy 1 2 3 4 5 6 7 8	(k) In the 6 th The resu 1) In the 7 th FALSE. y the provid Wor 40 33 60 40	r column ' It is True r column ' The resul ded data se Hours ked 0 5 0 0 0 0 0	'Pass 2 if the st 'Pass a t is True t in Exc	Subjects", and and pass of the stude if the	C Yearly Earnings \$44,000 \$54,000 \$48,200 \$24,000 \$17,000	Pace White White Black White Black White Black	E Sex Male Female Male Male Female Female	F Region North East North west south North East	20	CO3
Q.6	Copy 1 2 3 4 5 6 7 8 9	(k) In the 6 th The result of the result of the result of the provided when the provided with the pro	r column in the result of the	'Pass 2 if the st 'Pass a t is True t in Exc	Subjects", andent pass at least 2 Sure if the stude cel . Bucation (yrs) 13 12 11 16 12 18 13 8	c Yearly Earnings \$44,000 \$12,000 \$54,000 \$48,200 \$24,000 \$62,000 \$17,000 \$25,000	D Race White White Black White Black Black Black Black	E Sex Male Female Male Male Female Male Female Male Female Male	F Region North East North west south North East North	20	CO3
Q.6	Copy 1 2 3 4 5 6 7 8 9 10	(k) In the 6 th The resu 1) In the 7 th FALSE. y the provid Wor	Hours ked O O O O O O O O O O O O O	'Pass 2 if the st 'Pass a t is True t in Exc	Subjects", and and pass of the stude of the	C Yearly Earnings \$44,000 \$12,000 \$54,000 \$48,200 \$24,000 \$17,000 \$10,000	Pace White White White White White White Black White Black Black Black Black	E Sex Male Female Male Female Female Male Female Male Male Female Male	F Region North East North west south North East North	20	CO3
Q.6	Copy 1 2 3 4 5 6 7 8 9 10 11	(k) In the 6 th The resu (1) In the 7 th FALSE. y the provid Wor 40 33 60 40 40 50 50	r column in the result of the	'Pass 2 if the st 'Pass a t is True t in Exc	Subjects", andent pass at least 2 Sure if the stude cel . Bucation (yrs) 13 12 11 16 12 18 13 8 11 16	c Yearly Earnings \$44,000 \$12,000 \$54,000 \$48,200 \$24,000 \$17,000 \$25,000 \$10,000 \$65,000	Pace White White White White White White Black White Black White Black White	E Sex Male Female Male Male Female Male Male Male Male Male Male Male M	F Region North East North west south North East North south south East	20	CO3

				1				1	•	
	15	40	13	\$56,426	Black	Male	East			
	16	40	12	\$21,087	Black	Male	west			
	17	40	13	\$50,000	Black	Male	south			
	18	49	12	\$11,500	Black	Female	North			
	19	60	12	\$40,000	White	Male	East			
	20	60	18	\$70,000	White	Female	west			
	21	45	18	\$62,000	White	Male	south			
	22	40	12	\$30,000	White	Male	North			
	b) There	Create a single Pive Region wise. (Paste Create a single pive Region wise. (Paste are two mutually ex-	e the screenshot of ot chart for the Ave the screenshot o	f Pivot Table i verage usual ho f Pivot Chart i	n word file ours worked n word file) d by Sex, F)	Race and			
	below	<i>V</i>		A		В	\neg			
		Cash Outflo)W	2 Lakh 2 Lakh						
		Cash Inflow for		2 Bann		2 Danii				
		1 st year	v	50000 40000		40000				
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0.7	3 rd Year			60000		30000		20	CO4	
Q.7		4 th Year 5 th Year		55000		60000 40000	_	20	CO4	
	Sth Year 30000 40000 Compute the following									
		NPV								
	b) IRR									
		c) MIRR								
	d)	Based on NPV whi	ch project you wi	ll select. Com	ment on it.					
	Note:	The discounted rate	and reinvestment	rate may be us	sed as 15%					

ANSWERS