Name: Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES End Semester Examination (Online) – Dec, 2021

Program: BBA AVM Subject/Course: Spreadsheet Modeling

Course Code: DSQT 2005

Semester: III Max. Marks: 100 Duration: 3 Hours

1.	Define two person zero-sum game?	2	CO1
2.	Which of the following is a logical function (a) SUM (b) OR (c) COUNT (d) None of the above	2	CO1
3.	When you open an Excel workbook or spreadsheet, what kind of file is it? (a) .xlsx (b) .docx (c) .gsheet (d) .pdf	2	CO1
4.	The saddle point in a payoff matrix is always the (a) largest number in the matrix (b) smallest number in its column and the smallest number in its row (c) smallest number in the matrix (d) largest number in its column and the smallest number in its row	2	CO1
5.	In ABC analysis the criteria for selection of the category is (a) Annual usage value (b) Unit price of item (c) Criticality of the item (d) None of the above	2	CO1
6.	Which symbol must all formula begin with? (a) = (b) + (c) ((d) %	2	CO1
7.	NWCM (North West Corner Method) is connected with (a) Transportation Problem	2	CO1

		Game theoryInventory Pro							
	,	d) None of the a							
8.	(a (b (c	ch of the follows a) Machine b) Raw materia c) Finished prod d) Consumable	l ducts	iventory?				2	CO1
9.	1 2 3 4 5 6 7 8 9 Out 6	A 104524 906346 176897 104524 906346 276897 004524 906346 76897	s mentioned b	below, whic	h formul	a result excel wi	ll not be able to	2	CO2
	(a (b (c	late? (Use abo a) =SUM(Sales b) =SUM(A1:A c) =SUM(A1:A d) =SUM(A1:A	A5)*.5 A9)/(10-10)	excel sheet ta		a result exect wi	in not be uble to		
10	(a (b (c (d	a) =SUM(Sales b) =SUM(A1:A c) =SUM(A1:A)-A3 A5)*.5 .9)/(10-10) .5)-10			a result exect wi	in not be uble to	2	CO2
10	(a (b (c (d	a) =SUM(Sales b) =SUM(A1:A c) =SUM(A1:A d) =SUM(A1:A)-A3 A5)*.5 .9)/(10-10) .5)-10	mple?	able)			2	CO2
10 Q.No	(a (b (c (d	a) =SUM(Sales b) =SUM(A1:A c) =SUM(A1:A d) =SUM(A1:A ne SUM functio)-A3 A5)*.5 .9)/(10-10) .5)-10	mple?				2 Marks	CO2
	Ques A toy	a) =SUM(Sales b) =SUM(A1:A c) =SUM(A1:A d) =SUM(A1:A me SUM function stion y manufacturing	g company is	nple? giving disco	Section-Bunt on the	e marked price. W	Vrite a function to		
	Ques A toy	a) =SUM(Sales b) =SUM(A1:A c) =SUM(A1:A d) =SUM(A1:A me SUM function stion y manufacturing	g company is	nple? giving disco	Section-Bunt on the	e marked price. W	Vrite a function to		
Q.No	Ques A toy calcu	a) =SUM(Sales b) =SUM(A1:A c) =SUM(A1:A d) =SUM(A1:A ne SUM function stion y manufacturin ulate the selling nat of excel. (Se	A5)*.5 A9)/(10-10) A5)-10 on with an example g company is grice and total delling price of the second seco	mple? giving discoul selling price the item X is	Section-B unt on the ee paid for already c	e marked price. We the items ordered alculated for your	Vrite a function to d in the following reference)	Marks	COs
Q.No	Ques A toy calcut	a) =SUM(Sales b) =SUM(A1:A c) =SUM(A1:A d) =SUM(A1:A d) =SUM functio stion y manufacturin ulate the selling act of excel. (Se	g company is grice and total lling price of to B Marked Price (M.P.) 12	giving discoul selling price he item X is C Discount Per Unit 2	Section-Bunt on the epaid for already conditions of the latest terms of the latest ter	e marked price. We the items ordered alculated for your E	rite a function to d in the following reference) F Total Selling Price = S.P. × Quntity	Marks	COs
Q.No	Ques A toy calcu form	a) =SUM(Sales b) =SUM(A1:A c) =SUM(A1:A d) =SUM(A1:A d) =SUM function stion y manufacturin ulate the selling hat of excel. (Se	g company is grice and total lling price of to the Marked Price (M.P.)	giving discoul selling price he item X is	Section-B unt on the se paid for already c Quantity Ordered	e marked price. We the items ordered alculated for your E Selling Price (S.P.) = M.P Discount	rite a function to d in the following reference) F Total Selling Price = S.P. × Quntity	Marks	COs

12.	Discuss the im	portance of usi	ng spreads	heet in b	usiness.					5	CO1
	Following are	the per unit pri	ce of apple	of differ	ent categ	ory.					
		A				В	}				
	1	Catego	·y		Price						
	2	A				12	2				
	3	В				8					
13.	4	С				14	1			5	CO4
	5	D				19					
	6	Е				20)				
	to find (a) The ave	n will be used t erage price of t egory of apple	he apples.			ns also	write ar	excel fu	unction		
14.	Write a short n					ing a su	iitable e	xample?	ı	5	CO4
					ction-B						
	The cost of a maintenance co	machine is Rs ost is as follow		nd the so	erap (resa	le) valu	e is Rs.	500. Tl	ne yearly		
	Year	1 2	3	4	5	6	7	8	8		
15	Maintenance										
15.	Cost	300 500	700	1000	1400	1900	2400	3000	3500	10	
	Find the optimum replacement period (considering the constant time value of money)									CO2	
16.	Explain the me	ethod of solving	g transporta	ation pro	blem in e	kcel by	taking s	uitable e	xample.	10	CO2
	The payoff ma	trix of a game	is given be	low. Find	d the solu	tion of t	he game	e to A an	d B.		
		B1	B2		В3		B4	E	35		
	A1	4	6		5		10		6		
17.	A2	7	8		5		9	1	LO	10	CO3
	A3	8	9		11		10		9		
	A4	6	4		10		6		4		
				'OR'							

	Discuss any fo	ur kinds of e	appears i	_				
	1			Section-(1
	Formulate an I transportation	-				tion of the followi I)	ng	
18.		D1	D2	D3	D4	supply		
	S1	2	3	11	7	6		CO3
	S2	1	0	6	1	1	15	
	S3	5	8	15	9	10		
	Demand	7	5	3	2			
	accompanying classification.		with annual 1	upee value usa	age of each. C	cost are shown in Group items into A		
	accompanying classification.	table along	with annual 1	upee value usa	age of each. C	it Cost (in Rs.)		
	accompanying classification. Ita	table along	with annual 1	upee value usa	age of each. C	it Cost (in Rs.)		
19.	accompanying classification. Ite	table along em A	with annual 1	Tupee value usa Unit Usage 1100	age of each. C	it Cost (in Rs.)		
19.	accompanying classification. Ite	em A B C	with annual 1	Tipee value usa Init Usage 1100 600 100 1300	age of each. C	it Cost (in Rs.) 2 40		CO4
19.	accompanying classification. Ite	em A B C D	with annual 1	Tipee value usa Init Usage 1100 600 100 1300 100	age of each. C	it Cost (in Rs.) 2 40 4 1 60	ABC	CO4
19.	accompanying classification. Ite	em A B C D E	with annual 1	Tipee value usa Init Usage 1100 600 100 1300 100 10	age of each. C	it Cost (in Rs.) 2 40 4 1 60 25	ABC	CO4
19.	accompanying classification. Ita	em A B C D E F	with annual 1	Tipee value usa Init Usage 1100 600 100 1300 100 10 100	age of each. C	it Cost (in Rs.) 2 40 4 1 60 25 2	ABC	CO4
19.	accompanying classification. Ita	em A B C D E	with annual 1	Tipee value usa Init Usage 1100 600 100 1300 100 10	age of each. C	it Cost (in Rs.) 2 40 4 1 60 25	ABC	CO4