Name: **Enrolment No:**	UPES UNIVERSITY WITH A PURPOSE		

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Term Examination, December 2019

Course: Spreadsheet Modelling for Accounting Decisions
Semester: III
Program: BBA AIS **Time:** 3 Hours
Course code: DSQT-2001 **Max. Marks:** 100

SECTION A

		Marks	CO
Q1	Select the correct option: **1. Which symbol must all formula begin with?** a. = b. + c. (d. @ **2. Which of the following is an absolute cell reference?** a. !A!1 b. A1 c. #a#1 d. A1 **3. Which of the following formulas will Excel Not be able to calculate?** a. =SUM(Sales)-A3 b. =SUM(A1:A5)*.5 c. =SUM(A1:A5)/(10-10) d. =SUM(A1:A5)-10 **4. Concatenation of text can be done using** a. Apostrophe (&lsquo) b. Exclamation (!) c. Hash (#) d. Ampersand (&) **5. Except for the …… function, a formula with a logical function shows the word "TRUE" or "FALSE" as a result** a. IF b. AND	**2X10 =20**	**CO1**

	c. OR d. NOT **6. What does the VLOOKUP function do?** a. Looks up text that contain 'v' b. Checks whether text is the same in one cell as in the next c. Finds related records d. All of above **7. Which of the following is not a way to complete a cell entry?** a. Pressing enter b. Pressing any arrow key on the keyboard c. Clicking the Enter button on the Formula bar d. Pressing spacebar **8. You can activate a cell by** a. Pressing the Tab key b. Clicking the cell c. Pressing an arrow key d. All of the above **9. A circular reference is** a. Geometric modeling tool b. A cell that points to a drawing object c. A formula that either directly or indirectly depends on itself d. Always erroneous **10. Which of the following is a correct order of precedence in formula calculation?** a. Exponentiation, Multiplication and division, positive and negative values b. Multiplication and division, positive and negative values, addition and subtraction c. Addition and subtraction, positive and negative values, exponentiation d. All of above		
	SECTION B		
Q1	Write output for the following excel formula: Assuming A2=22, A3= 33, B2= 10, B3=20, C2=5, C3=6 a) IF(AND(A2>A3, OR(B2=B3,C2<C3)), 300, 2000) b) IF(NOT(AND(A2>A3, OR(B2=B3,C2<C3))), 300, 2000) c) IF(AND(A2>A3, NOT(OR(B2=B3,C2<C3))), 300, 2000) d) IF(AND(A2<A3,B2<B3),"Yes", "No") e) IF(AND(A2>A3,B2<>B3, 300, 2000))	**5X3 = 15**	**CO2**

Q2	Differentiate between sorting and conditional formatting.	**5**	**CO2**
Q3	How different types of errors can be handled in spreadsheet?	**5**	**CO2**
	SECTION-C		
Q1	<table><tr><th>Name</th><th>English</th><th>Computer</th><th>Math</th><th>Pass 3 subjects</th><th>Pass at least 1 subje</th></tr><tr><td>Virak</td><td>56</td><td>78</td><td>45</td><td></td><td></td></tr><tr><td>Soa</td><td>45</td><td>78</td><td>78</td><td></td><td></td></tr><tr><td>Vibol</td><td>67</td><td>78</td><td>10</td><td></td><td></td></tr></table> Write the function in excel based on below conditions: a. In the column E under **Pass 3 subjects**, write a formula to diplay TRUE or FALSE. The result is TRUE if the student pass all the 3 subjects b. In the column F under **Pass at least 1 subject**, write a formula to display TRUE or FALSE. The result is TRUE if the student passed at least 1 subject. c. In the column G under **Pass 2 subjects**, write a formula to display TRUE or FALSE. The result is TRUE if the student passes 2 subjects.	**3X5= 15**	**CO3**
Q2	<table><tr><th></th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td colspan="6">Sales Table</td></tr><tr><td></td><td>Date</td><td>Region</td><td>Sales Person</td><td>Units</td><td>Total Amt.</td></tr><tr><td></td><td>24/06/2012</td><td>North</td><td>James</td><td>186</td><td>$ 50,592.00</td></tr><tr><td></td><td>01/06/2012</td><td>East</td><td>Eric</td><td>356</td><td>$ 96,832.00</td></tr><tr><td></td><td>09/09/2012</td><td>West</td><td>Steve</td><td>907</td><td>$ 2,46,704.00</td></tr><tr><td></td><td>26/06/2012</td><td>South</td><td>Dave</td><td>190</td><td>$ 51,680.00</td></tr><tr><td></td><td>22/04/2012</td><td>North</td><td>Mark</td><td>717</td><td>$ 1,95,024.00</td></tr><tr><td></td><td>22/03/2012</td><td>West</td><td>Glen</td><td>550</td><td>$ 1,49,600.00</td></tr><tr><td></td><td>19/12/2011</td><td>East</td><td>Steve</td><td>942</td><td>$ 2,56,224.00</td></tr><tr><td></td><td>31/10/2011</td><td>North</td><td>James</td><td>901</td><td>$ 2,45,072.00</td></tr><tr><td></td><td>02/10/2011</td><td>West</td><td>Glen</td><td>117</td><td>$ 31,824.00</td></tr></table> Write the function in excel based on below conditions: a)Find the total unit raised by Steve after 3/10/2012. b)Find the total unit raised from “South” region where items sold is greater than 300.	**10**	**CO3**
Q3.		**4X5= 20**	**CO3**

Student Roll No	Student Name	%age of Marks	Division
		61	First
		80	First
		43	Third
		56	Second
		90	First
		95	First

Write the function in excel based on below conditions:

a)Number of Students pass with First Division(>=60%)=

b)Number of Students pass with Second Division(>=50% and <60%)=

c)Number of Students pass with third Division(<50%)=

d)Number of Students pass with >=75% Marks=

Q4		**10**	**CO3**

Footballer	Salary p.m.	Yellow Cards	Red Cards	Action to take
Wayne Rooney	£85,000	8	0	
Robin van Persie	£87,500	4	0	
Lionel Messi	£92,300	18	2	
Cristiano Ronaldo	£98,600	25	6	
Fernando Torres	£74,500	7	0	
Gareth Bale	£38,000	3	0	
David Silva	£46,400	5	1	
Frank Lampard	£64,500	14	2	
Carlos Tevez	£78,300	58	19	
Didier Drogba	£66,350	12	2	

Write the function in excel based on below conditions:

a)If the number of yellow cards is greater than or equal to 20, then the fine is 15% of their salary;

b)If the number of yellow cards is greater than or equal to 20, then the Fine is 3% of their salary;

c)If the number of yellow cards is any less than 20 then insert the text No Action in the cell.