UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
Online End Semester Examination, December 2020

Course: FINANCIAL MODELLING   Semester: 3RD
Program: BCOM(HONS)   Time: 03 Hours
Course code: FINC2021   Max. Marks: 100
Instructions: Attempt all the questions
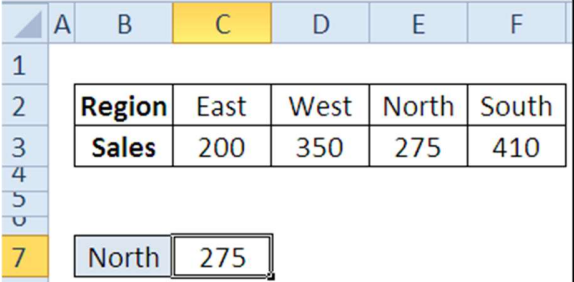
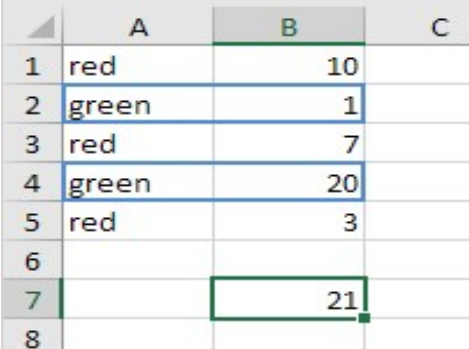|	SECTION A		(30 Marks)
			Marks
Q.1.	What happens when you press Ctrl + X after selecting some cells in Excel? A) The cell content of selected cells disappear from cell and stored in clipboard B) The cells selected are marked for cutting C) The selected cells are deleted and the cells are shifted left D) The selected cells are deleted and cells are shifted up	**5**	**CO1**
Q.2.	Which tool you will use to join some cells and place the content at the middle of joined cell? A) From Format Cells dialog box click on Merge Cells check box B) From Format Cells dialog box select the Centered alignment C) From Format Cells dialog box choose Merge and Center check box D) Click on Merge and Center tool on formatting toolbar	**5**	**CO1**
Q.3.	The Name box on to the left of formula bar A) shows the name of workbook currently working on B) shows the name of worksheet currently working on C) shows the name of cell or range currently working on D) None of above	**5**	**CO1**
Q.4.	You can move a sheet from one workbook into new book by A) From Edit menu choose Move or Copy sheet, mark the Create a ccopy and Click OK B) From Edit menu choose Move of Copy then choose (Move to end) and click OK C) From Edit menu choose Move or Copy then select (new book) from To Book list and click OK D) None of above	**5**	**CO1**
Q.5.	When all the numbers between 0 and 100 in a range should be displayed in Red Color, apply A) Use =if() function to format the required numbers red B) Apply Conditional Formatting command on Format menu C) Select the cells that contain number between 0 and 100 then click Red color on Text Color tool D) All of above	**5**	**CO1**

Q.6.	The Trace Precedence on Auditing shows A) Which cells are used in current formula B) In which formula the current cell is used C) Which cells are used in this formula and in which formula this cell is used D) None of above	5	CO1
	SECTION B (50 Marks) **Attempt any 2 out of 3 questions**		
Q.7.	**=VLOOKUP("lion", A2:B6, 2, FALSE)** Translate the function and identify the outcome of the function by explaining the variables of functions.	10	CO3

Q.8.	Find the sales total for a selected region. To find an exact match for the Region name, so the following settings were made:
	   • region name is entered in cell B7
	   • region table has two rows, and is in range C2:F3
	   • sales total is in row 2 of the table.
	
		10	CO3

Q.9.	How will you count the number of cells that are greater than or equal to 10. OR Identify the function use to calculate "21" in cell B7.	10	CO3

Q.10.													10	CO3

	A	B	C	D	E
1	Name	Score 1	Score 2	Result	
2	Richard	93	80	TRUE	
3	Jennifer	60	91	TRUE	
4	James	58	75	TRUE	
5	Lisa	79	94	TRUE	
6	Sharon	41	33	FALSE	
7					

	A	B	C	D	E
1	Name	Score 1	Score 2	Result	
2	Richard	93	80	FALSE	
3	Jennifer	60	91	TRUE	
4	James	58	75	FALSE	
5	Lisa	79	94	TRUE	
6	Sharon	41	33	FALSE	
7					

Why Richard in Table 1 is "TRUE" and in Table 2 is "FALSE"?

Q.11	Consider a loan with monthly payments, an annual interest rate of 6%, a 20-year duration, a loan amount of Rs 150,000. a) What is the monthly payment? b) If we change monthly payment by Rs 2,074, how much time will it take to pay off the loan?	10	CO2

SECTION-C   **(20 Marks)**

Q.12.	a) By following the industry best practices in financial modeling, financial analysts can build financial models more efficiently and users are able to easily and quickly grasp important information when they look at the models. Identify the practices use in the industry. OR Excel is trying to say is this: "Hey, I may get stuck at the round-about. Are you sure you want me to proceed anyway?" Explain the situation and how to solve the same. b) How do you build a financial model? With the support of a financial model, explain the steps. OR Solvency ratios assess the long-term financial viability of a business. Comment.	20	CO3