

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2022

Course: FINANCIAL MODELLING

Semester: 3RD

Program: B.COM E.COM/B&I INT. B.COM - MBA B&I INT. BCOM - MBA E.COM

Time : 03 hrs.

Course Code: FINC2041

Max. Marks: 100

Instructions: Attempt all the questions.

SECTION A
10Qx2M=20Marks

| S. No. | | Marks | CO |
|--------|---|-------|-----|
| Q1. | 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 | 2 | CO1 |
| Q2. | 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 | 2 | CO1 |
| Q3. | 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 | 2 | CO1 |
| Q4. | 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 | 2 | CO1 |
| Q5. | 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 | 2 | CO1 |

| | | | |
|------|---|---|-----|
| Q6. | 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 | 2 | CO1 |
| Q7. | 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 | 2 | CO1 |
| Q8. | Which of the following is not true regarding Conditional Formatting? A) You can add more than one condition to check B) You can set condition to look for Bold and apply Italics on them C) You can apply Font, border and pattern formats that meets the specified conditions D) You can delete any condition from Conditional Formatting dialog box if it is not required | 2 | CO1 |
| Q9. | Excel is a good application for What IF analysis. Which of the following tool help you for this? A) Formulas Auditing B) Research C) Track Change D) Goal Seek | 2 | CO1 |
| Q10. | What is an expression that tells how the numbers in a determined set of cells are to be calculated? a. Formula b. Field c. Data d. Query | 2 | CO1 |

SECTION B
4Qx5M= 20 Marks

| Q11. | _____ is a tool of financial modeling that helps an analyst determine how the values of certain dependent variables react to the changes in the values of certain independent variables. Name the tool and explain the features. | 5 | CO2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|---|----|-----|---|---|---|-----|----|--|---|-------|---|--|---|-----|---|--|---|-------|----|--|---|-----|---|--|---|--|--|--|---|--|----|--|---|--|--|--|---|-----|
| Q12. | How will you count the number of cells that are greater than or equal to 10. | 5 | CO2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q13. | <table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>red</td> <td>10</td> <td></td> </tr> <tr> <td>2</td> <td>green</td> <td>1</td> <td></td> </tr> <tr> <td>3</td> <td>red</td> <td>7</td> <td></td> </tr> <tr> <td>4</td> <td>green</td> <td>20</td> <td></td> </tr> <tr> <td>5</td> <td>red</td> <td>3</td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td>21</td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Identify the function use to calculate “21” in cell B7.</p> | | A | B | C | 1 | red | 10 | | 2 | green | 1 | | 3 | red | 7 | | 4 | green | 20 | | 5 | red | 3 | | 6 | | | | 7 | | 21 | | 8 | | | | 5 | CO2 |
| | A | B | C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | red | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | green | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | red | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | green | 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | red | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q14. | Which Tools can be Used for Auditing the Financial Models in Excel? | 5 | CO2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SECTION-C
3Qx10M=30 Marks

| | | | |
|------|---|-----------|------------|
| Q15. | 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. | 10 | CO3 |
| Q16. | Why do businesses rely so much on a good financial model? | 10 | CO3 |
| Q17. | =VLOOKUP("lion", A2:B6, 2, FALSE) Translate the function and identify the outcome of the function by explaining the variables of functions. | 10 | CO3 |

SECTION-D
2Qx15M=30 Marks

| | | | |
|------|---|-----------|------------|
| Q18. | How do you build a financial model? With the support of a financial model, explain the steps. | 15 | CO4 |
| Q19. | 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. | 15 | CO4 |