

| iv) | How do you display current date in MS Excel? <br> a) Date () <br> b) Today () <br> c) Now () <br> d) Time () | 2 | CO1 |
| :---: | :---: | :---: | :---: |
| v) | How do you wrap the text in a cell? <br> a) Format cells font <br> b) Format cells protection <br> c) Format cells number <br> d) Format cells alignment | 2 | CO1 |
| vi) | What does COUNTA () function do? <br> a) Counts cells having alphabets <br> b) Counts empty cells <br> c) Counts cells having number <br> d) Counts non-empty cells | 2 | CO1 |
| vii) | A circular reference is <br> a) Geometric modeling tool <br> b) A cell that points to a drawing object <br> c) A formula that either directly or indirectly depends on itself <br> d) Always erroneous | 2 | CO1 |
| viii) | Which of the following is not true regarding Conditional Formatting? <br> a) You can add more than one condition to check <br> b) You can set condition to look for Bold and apply Italics on them <br> c) You can apply Font border and pattern formats that meets the specified conditions <br> d) You can delete any condition from Conditional Formatting dialog box if it is not required | 2 | CO1 |
| ix) | Where can you change automatic or manual calculation mode in Excel? <br> a) Double CAL indicator on status bar <br> b) Go to File > Options > Formulas > Calculation Option - and mark the corresponding radio button <br> c) Both of above <br> d) None of above | 2 | CO1 |
| x) | The Name box on to the left of formula bar <br> a) Shows the name of workbook currently working on <br> b) Shows the name of worksheet currently working on <br> c) Shows the name of cell or range currently working on <br> d) None of above | 2 | CO1 |

This section has 4 Questions of 5 marks each.
These questions are short answer type.
All the questions are compulsory.

| 2. | Write a short note on wildcard characters in excel with example. | 5 | $\begin{aligned} & \mathrm{CO} 1, \\ & \mathrm{CO} 2 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
| 3. | If I order up to $\mathbf{5 0 0}$ units of a product, I pay $\mathbf{\$ 3 . 0 0}$ per unit. If I order from 501 through $\mathbf{1 , 2 0 0}$ units, I pay $\mathbf{\$ 2 . 7 0}$ per unit. If I order from $\mathbf{1 , 2 0 1}$ through $\mathbf{2 , 0 0 0}$ units, I pay $\mathbf{\$ 2 . 3 0}$ per unit. If I order more than $\mathbf{2 , 0 0 0}$ units, I pay $\mathbf{\$ 2 . 0 0}$ per unit. Write a formula that expresses the purchase cost as a function of the number of units purchased. | 5 | CO1, |
| 4. | What do you understand by Cell reference in Excel explain with example. | 5 | $\begin{gathered} \text { CO1, } \end{gathered}$ |
| 5. | Write argument and Use with example for following function: <br> 1. CONCATENATE <br> 2. REPLACE <br> 3. WORKDAY <br> 4. DATEDIF <br> 5. PMT | 5 | $\begin{aligned} & \text { CO1, } \\ & \text { CO2 } \end{aligned}$ |
|  | SECTION-C | ( 30 Marks) |  |

This section has 3 Questions of 10 marks each, out of which first 2 Questions are compulsory.
Questions 8 has internal choice to attempt any one.

| 6. | After earning an MBA, a student will begin working at an $\mathbf{\$ 8 0 , 0 0 0}$-per-year job on September 1, 2005. He expects to receive a 5 percent raise each year until he retires on September $\mathbf{1 , 2 0 3 5}$. If the cost of capital is 8 percent a year, determine the total present value of his before tax earnings. |  | 10 | $\mathrm{CO3}$ |
| :---: | :---: | :---: | :---: | :---: |
| 7. | Write a formula to identify tax rates for income 2000, 24000, 60000. Given |  |  | CO 3 |
|  | Income Level | Tax rate | 10 |  |
|  | 0-20000 | 10\% |  |  |
|  | 20000-40000 | 20\% |  |  |
|  | 40000-80000 | 25\% |  |  |
|  | 80000-100000 | 30\% |  |  |



