| Part | sub/obj | Marks | Question | Answer Option 1 | Answer Option 2 | Answer Option 3 | Answer Option 4 | $\begin{gathered} \text { Correct } \\ \text { Answer(A/B } \\ \text { /C/D) } \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { CO } \\ \text { (any one) } \end{array}$ | Bloom's Taxonomy Level (any One most relevent only) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | obj | 1 | Time value of money signifies that the value of a unit of money remains unchanged during different time periods | TRUE | FALSE | Can't Say | Neither True nor False | B | CO1 | L2 |
| A | obj | 1 | An investor expects a perpetual sum of Rs500 annually from his investment. What is the present value of this perpetuity if interest rate is $10 \%$ ? | Rs10000 | Rs5000 | Rs500 | Rs1000 | B | CO1 | L3 |
| A | obj | 1 | Either compounding or discounting technique can be used, to make heterogeneous cash flows comparable | TRUE | FALSE | Can't Say | Neither True nor False | A | CO1 | L2 |
| A | obj | 1 | Effective and nominal rate of interest remain the same irrespective of the frequency of compounding | TRUE | FALSE | Can't Say | Neither True nor False | B | CO1 | L2 |
| A | obj | 1 | To arrive at the present value of cash flows, discounting is done at the rate which represents opportunity cost of funds | TRUE | FALSE | Can't Say | Neither True nor False | A | CO1 | L2 |
| A | obj | 1 | You earn $15 \%$ on a 3 year public deposit of Rs 1000 with a company. What is future value if the compounding is done quarterly? | Rs450 | Rs1799 | Rs1555 | None of the above | C | CO1 | L3 |
| A | obj | 1 | A firm is intending to create a sinking fund to raise Rs5 lakh, $9 \%$ debenture after 12 years. How much amount should the firm deposit at the end of each year if the fund earns $12 \%$ p.a. | Rs11498 | Rs20718.40 | Rs15498 | None of the above | B | CO1 | L3 |
| A | obj | 1 | XYZ Bank pays $12 \%$ and compounds interest quarterly. If Rs1000 is deposited initially, how much shall it grow at the end of 5 years | Rs5005 | Rs1806 | Rs2000 | None of the above | B | CO1 | L3 |
| A | obj | 1 | The only viable goal of financial management is | profit maximization | wealth maximization | assets maximizat | sales maximization | B | CO1 | L2 |
| A | obj | 1 | Finance function involves | procurement of finance only | expenditure of funds only | safe custody of funds only | procurement and effective utilization of funds | D | CO1 | L2 |
| A | obj | 1 | Like equity capital, retained earnings also do not cause any cost to the company | TRUE | FALSE | Can't Say | Neither True nor False | B | CO2 | L2 |
| A | obj | 1 | The higher is the corporate tax rate, the higher is the cost of debt | TRUE | FALSE | Can't Say | Neither True nor False | B | CO2 | L2 |
| A | obj | 1 | Cost of preference share capital is higher than cost of debt | TRUE | FALSE | Can't Say | Neither True nor False | A | CO2 | L2 |
| A | obj | 1 | A company issues $10 \%$ irredeemable preference shares. The face value per share is Rs100, but the issue price is Rs95. What is the cost of preference share capital? | 10\% | 12.53\% | 10.53\% | None of the above | C | CO2 | L3 |
| A | obj | 1 | Equity capital does not carry any cost as a company is under no legal obligation to pay dividends | TRUE | FALSE | Can't Say | Neither True nor False | B | CO2 | L2 |
| A | obj | 1 | Assuming that a firm pays tax at $50 \%$ rate, compute the after tax cost of capital for a ten year, $8 \%$ Rs 1000 par bond sold at Rs 950 | 8\% | 10\% | 4.46\% | 9.95\% | C | CO2 | L3 |
| A | obj | 1 | What will be the impact on Cost of capital if the company has started making substantial new investments in assets that are considerably riskier than the company's presently owned assets? | Cost of Capital will go up | Cost of Capital will go down | Cost of Capital will remain unchanged | None of the above | A | CO2 | L2 |


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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A | obj | 1 | What will be the impact on Cost of capital if Flotation costs of issuing new securities increases | Cost of Capital will go up | Cost of Capital will go down | Cost of Capital will remain unchanged | None of the above | A | CO2 | L2 |
| A | obj | 1 | If a firm wants to raise debt by issue of a short term bond with a face value of Rs 100 with a coupon rate of $11 \%$, payable annually redeemable at a premium of $5 \%$ at the end of three years. Find the cost of debt with tax rate of $40 \%$. | 7.41\% | 10.33\% | 11.33\% | None of the above | A | CO2 | L3 |
| A | obj | 1 | Mr.X Has been advised to arrange Rs1 lac. 5 years from now. Mr. X knows that he will be provided with $6 \%$ interest on these investments. Advise him how much he should invest today | Rs 74371.951 | Rs74725.821 | Rs 74821.435 | None of the above | B | CO1 | L2 |
| A | obj | 1 | Expected rate of return by the investors is the cost of capital for the firm | TRUE | FALSE | Can't Say | None of the above | A | CO1 | L2 |
| A | obj | 1 | Cost of Capital is also known as | Hurdle Rate | Cut Off Rate | None the above | both the above | D | CO1 | L2 |
| A | obj | 1 | which of the component cost is calculated both, before tax and after tax | Cost of Debt | Cost of Preference Share | Cost ofEquity Share | all the above | A | CO1 | L2 |
| A | obj | 1 | A bond has a face value of Rs. 1000 issued for 20 years pays Rs. 90 as interest anually, is available in market at Rs. 915. Calculate cost of Debt before tax | 8.94 | 9.84 | 4.98 | None of the above | B | CO2 | L3 |
| A | obj | 1 | A bond has a face value of Rs. 1000 issued for 20 years pays Rs. 90 as interest anually, is available in market at Rs. 915. Calculate cost of Debt after tax, if corporate tax rate is $30 \%$ | 9.84 | 9.68 | 8.96 | 6.89 | D | CO2 | L3 |
| A | obj | 1 | Cost of debt and issue price are | inversly proportionate | directly proportionate | not related | None of the above | A | CO2 | L3 |
| A | obj | 1 | WACC stands for | Weighted Average Cost of Capital | Weightage Average Cost of Capital | Weighted Average Cost of Company | Weighted Average Cost of Corportae | A | CO2 | L3 |
| A | obj | 1 | WACC is equal to | $\begin{gathered} (\mathrm{Ke}+\mathrm{We})^{*}(\mathrm{Kd}+\mathrm{Wd})^{*}( \\ \mathrm{Kp}+\mathrm{Wp}) \end{gathered}$ | $\begin{gathered} \hline \begin{array}{c} \text { Ke } / \mathrm{We})+(\mathrm{Kd} / \mathrm{Wd})+(\mathrm{Kp} \\ / \mathrm{Wp}) \end{array} \\ \hline \end{gathered}$ | $\begin{gathered} (\mathrm{Ke} * \mathrm{We})+(\mathrm{Kd} * \mathrm{~W} \\ \mathrm{d})+\left(\mathrm{Kp} \mathrm{p}^{*} \mathrm{Wp}\right) \end{gathered}$ | $\begin{gathered} \left(\mathrm{Ke}^{*} \mathrm{We}\right)+\left(\mathrm{Kd} \mathrm{~d}^{\mathrm{Wd}}\right)+\left(\mathrm{Kp}{ }^{*} \mathrm{~W}\right. \\ \mathrm{p}) / 3 \\ \hline \end{gathered}$ | C | CO1 | L2 |
| A | obj | 1 | After an EMI has been determined for a housing loan, the borrower pays a lumsum amount in partial repayment. Now the EMI will | come down, if tenure remains same | go up, if tenure remains same | no change | None of the above | A | CO2 | L3 |
| A | obj | 1 | When a loan is taken, the total amount repaid with interest with interest will be | higher, when the period of the loan is long | lower, when the period of the loan is long | same | can't say | A | CO2 | L3 |
| A | obj | 1 | I have a choice of repaying a loan in ten instalments or fifteen instalments.If I choose to repay in fifteen instalments | I will end up paying lesser instalment amounts | I will end up paying lesser interest overall | I will end up paying higher interest overall | both A and C | D | CO2 | L3 |
| A | obj | 1 | If 1 require an amount after 5 years | it is better to invest an equated amount after every year | it is better to invest a lumsum amount and let it grow | $A$ is better than B | $B$ is better than $A$ | C | CO2 | L3 |
| A | obj | 1 | PV has following relationship with Interest Rate | Higher the interest rate, higher the PV | Higher the interest rate, lower the PV | Can't Say | None of the above | B | CO2 | L3 |


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| A | obj | 1 | To accumulate Rs.15000/- after 3 years discounted at 8\%, what annual investment is needed | 5820.5 | 8520.5 | 2850.5 | 285.5 | A | CO2 | L3 |
| A | obj | 1 | What amount an investment of Rs. 700 will grow, if it earns $10.25 \%$ interest that is compounded anually for three years | 738.09 | 893.07 | 398.07 | 938.07 | D | CO1 | L2 |
| A | obj | 1 | if an interest is paid on quaterly basis, this is an example of | single period compounding | Multi period Compounding | Can't Say | None of the above | B | CO1 | L2 |
| A | obj | 1 | calculate monthly EMI of a loan amount Rs 500000, to be paid in 4 years., disbursed at a rate of $10 \%$ p.a | 17,621.25 | 12,681.29 | 18,681.45 | 16,281.45 | B | CO1 | L2 |
| A | obj | 1 | value of money ___ because of inflation | increases | reduces | remains same | None of the above | B | CO1 | L2 |
| A | obj | 1 | In a all equity firm | Kd=0\% | $\mathrm{Ke}=0 \%$ | $\mathrm{Ke}=100 \%$ | Kd=100\% | C | CO1 | L2 |
| A | obj | 1 | Cost of Debt is | Coupon Rate | Post Tax Cost of Serving Debt | Yield To Maturity | Yield To Date | C | CO1 | L2 |

