

**CLASS/SEMESTER:- TY B.COM (ACCOUNTING & FINANCE) / SEMESTER- VI**

**NAME OF THE SUBJECT:- COST ACCOUNTING IV**

**SAMPLE QUESTIONS FOR SELF PRACTICE**

| Sr. No | Questions   | Option-A                                    | Option-B                    | Option-C                     | Option-D                           |
|--------|---|---|-----------------------------|------------------------------|------------------------------------|
| 1      | Budget is drawn for _____.  | Organising                                  | Forecasting                 | Future                       | None of the above                  |
| 2      | Key factor is also known as _____ _____.  | Political factors                           | Social factors              | Limiting factor              | None of the above                  |
| 3      | _____ _____ is drawn for various levels.  | Production budget                           | Purchase budget             | Flexible budget              | None of the above                  |
| 4      | _____ _____ requires classification of cost as fixed, variable and semi-variable. | Production budget                           | Purchase budget             | Flexible budget              | None of the above                  |
| 5      | Fixed Budget is drawn for _____ level of activity.                                | Quantity only                               | Cost only                   | Fixed                        | None of the above                  |
| 6      | _____ _____ budget is prepared for a longer period.                               | Increases cost                              | Capital Expenditure         | Facilitates control          | None of the above                  |
| 7      | _____ _____ is a summary of all the functional budgets.                           | Sales Budget                                | Master Budget               | Production budget            | None of the above                  |
| 8      | Budgetary control is costly for _____ organizations.                              | Large                                       | Small                       | Public sector organization   | None of the above                  |
| 9      | _____ _____ shows estimate of sales in future.                                    | Production budget                           | Sales Budget                | Flexible budget              | None of the above                  |
| 10     | Production Budget is expressed in _____.  | Quantity                                    | Responsibility              | Forecasting                  | None of the above                  |
| 11     | _____ _____ shows budgeted receipts and payments.                                 | Cash Budget                                 | Flexible budget             | Production budget            | None of the above                  |
| 12     | Flexible budget is useful for _____.  | Control                                     | Competent people            | Small size                   | None of the above                  |
| 13     | Budget defines _____ of a concerned manager.                                      | Responsibility                              | Budgeted cost of production | Budgeted cost of sales       | None of the above                  |
| 14     | One of the following is not a basic element of a budget :                         | Defines the responsibility of each employee | Comprehensive plan          | Expressed in financial terms | Future plan for a specified period |

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| 15 | Information to prepare flexible budget includes :         | Total fixed cost, total variable cost | Total fixed cost, total variable cost and capacity  | Total fixed cost, variable cost per unit and several levels of activity | None of the above                      |
| 16 | The scarce factor of production is known as :             | Key factor                            | Limiting factor                                     | Critical factor   | All of the above                       |
| 17 | Flexible budgets are useful for                           | Planning purpose only                 | Planning, performance evaluation & feedback control | Control of performance only   | None of the above                      |
| 18 | A budget is expressed in                                  | Financial terms only                  | Quantitative terms only                             | Both financial and quantitative terms                                   | Financial and / or quantitative terms  |
| 19 | Which of the budget is prepared for a long period of time | Production budget                     | Purchase budget                                     | Cash budget   | Capital expenditure budget             |
| 20 | A flexible budget takes into account                      | Fixed cost only                       | variable cost only                                  | Semi-variable cost only   | Fixed, variable and semi-variable cost |
| 21 | Master budget is a summary of                             | Cash budget                           | Sales budget  | Production budget   | All functional budgets                 |
| 22 | A budget is prepared for                                  | One year                              | One month   | 6 month   | A specified period                     |
| 23 | Budget period depends on                                  | Type of budget                        | Management policy                                   | Government policy   | None of the above                      |
| 24 | The object of budgetary control is                        | Planning                              | Organising  | Forecasting   | None of the above                      |
| 25 | Following is the benefit of budgetary control             | Facilitates control                   | Increases cost                                      | Brings down efficiency  | None of the above                      |
| 26 | Budgetary control system is costly for                    | Large organization                    | Small organization                                  | Public sector organization  | None of the above                      |
| 27 | Following is the essence of budgetary control             | Well defined objectives               | Competent people                                    | Small size  | None of the above                      |

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| 28 | Budget Manual is a  | Detailed information about plans, policies, procedures and operations | Annual magazine  | Note book  | Budget prepared manually   |
| 29 | Performance of any organization depends on  | Political factors   | Social factors   | Critical factors   | None of the above  |
| 30 | Sales budget shows  | Estimate of future sales  | Estimate of future production  | Estimate of inventory  | None of the above  |
| 31 | Production budget is expressed in   | Quantity only   | Cost only  | Quantity and cost  | None of the above  |
| 32 | Capital expenditure budget is   | A budget for long term investment                                     | A budget for short term investment                                   | A budget for future expenditure                                      | A budget for personal expenditure                                    |
| 33 | The budget which helps to plan and control cash is  | Production budget   | Cash budget  | Sales budget   | Flexible budget  |
| 34 | The budget which is dynamic is  | Fixed budget  | Flexible budget  | Cash budget  | Sales budget   |
| 35 | The budget which covers all the functional budget is  | Master budget   | Sales budget   | Production budget  | Cost budget  |
| 36 | Production cost budget shows  | Budgeted cost of production   | Budgeted cost of sales   | Budgeted purchases   | Budgeted capacity  |
| 37 | Total consumed cost for 14400 units (60 % of the capacity) is Rs.54000. Calculate the consumed cost for 50% capacity. | 42,000  | 43,500   | 45,000   | 47,500   |
| 38 | Identify the most appropriate sequence of events in the preparation of the indicated budgets?                         | Sales Budget, Cash Budget, Budgeted balance sheet, Production Budget  | Sales Budget, Cash Budget, Production Budget, Budgeted balance sheet | Sales Budget, Production Budget, Cash Budget, Budgeted balance sheet | Sales Budget, Cash Budget, Production Budget, Budgeted balance sheet |
| 39 | How is the quantity to be produced calculated when preparing a production budget?                                     | Sales Quantity + Opening Stock + Closing stock                        | Sales Quantity + Opening Stock - Closing stock                       | Sales Quantity - Opening Stock + Closing stock                       | Sales Quantity - Opening Stock - Closing stock                       |
| 40 | What does master budget comprises of?   | Budgeted P&L  | Budgeted Cash flow   | budgeted cash flow, budgeted P & L A/c, Budgeted Balance sheet       | entire sets of budgets prepared                                      |
| 41 | Which of the following name should be included in a cash Budget?  | Depreciation  | Tax  | Depreciation & Tax Provision   | Loan repayment   |
| 42 | Total consumed cost for 18000 units (60 % of the capacity) is Rs.5,400. Calculate the consumed cost for 80% capacity. | 7,000   | 6,500  | 7,200  | 6,200  |

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| 43 | Marginal cost is ____ .   | Variable cost                        | Fixed Cost                              | Prime Cost                                      | None of the above                           |
| 44 | Marginal cost includes ____ + variable overheads                                      | Prime Cost                           | Variable Cost                           | Fixed Cost                                      | All of the above                            |
| 45 | Contribution = sales – ____ .   | Variable Cost                        | Fixed Cost                              | Prime Cost                                      | All of the above                            |
| 46 | Contribution is the test of ____ .  | Profitability                        | Margin of Safety                        | Sales and Variable cost                         | All of the above                            |
| 47 | ____ ratio shows relationship between contribution and sales.                         | P/V                                  | BES                                     | NPV   | None of the above                           |
| 48 | BEP is the point at which there is ____ profit at which there is profit ____ loss.    | Decrease, Increase                   | No, No                                  | Input, Output                                   | None of the above                           |
| 49 | BEP (₹) = Fixed Cost / ____ .   | Sales and fixed cost                 | P/V Ratio                               | Sales and Variable cost                         | None of the above                           |
| 50 | BEP (Units) = ____ / Contribution Per Unit.   | Prime Cost                           | Fixed Cost                              | Variable Cost                                   | All of the above                            |
| 51 | ____ in variable cost increases contribution.   | Increase                             | lowers the net profit                   | Decrease  | All of the above                            |
| 52 | ____ in selling price increases contribution.   | lowers the net profit                | Decrease                                | Increase  | All of the above                            |
| 53 | ____ is the excess of actual sales over Break even sales.                             | B.E.P.                               | Increases BEP                           | Margin of Safety                                | All of the above                            |
| 54 | Increase in selling price brings down the ____ .                                      | Exceed                               | Prime Cost                              | B.E.P.  | All of the above                            |
| 55 | Variable cost varies in direct proportion to ____ .                                   | Input                                | Margin of Safety                        | Output  | None of the above                           |
| 56 | Fixed cost remains ____ irrespective of ____ upto the ____ limit.                     | Constant, Capacity                   | Output, Input, Output, Capacity         | Prime Cost, Fixed Cost, Variable Cost           | None of the above                           |
| 57 | ____ the margin of safety greater is the scope for granting concessions to customers. | Higher                               | Lower                                   | B.E.P.  | All of the above                            |
| 58 | In no case the concession should ____ the margin of safety.                           | Exceed                               | fixed cost per unit                     | contribution per unit                           | All of the above                            |
| 59 | Contribution margin is known as   | marginal income.                     | gross margin                            | net income                                      | net profit                                  |
| 60 | Break-even analysis may be described as   | comparison between sales and cost    | comparison between production and sales | comparison between fixed cost and variable cost | comparison to make out capacity utilisation |
| 61 | An increase in sales price  | does not affect the break-even point | lowers the net profit                   | increases the break-even point                  | lowers the break-even point                 |
| 62 | A decrease in sale price  | does not affect the break-even point | lowers the net profit                   | increases the break-even point                  | lowers the break-even point                 |

|    |  |                             |                                 |                                      |                                      |
|----|--|-----------------------------|---------------------------------|--------------------------------------|--------------------------------------|
| 63 | Fixed cost per unit decreases when   | production volume increases | production volume decreases     | variable cost per unit decreases     | prime cost per unit decreases        |
| 64 | To obtain break-even point in rupees, total fixed cost is divided by   | variable cost per unit      | fixed cost per unit             | contribution per unit                | P/V ratio.                           |
| 65 | If sales are ` 5,00,000; variable costs are ` 2,00,000 and fixed cost are ` 2,40,000; the P/V Ratio will be                                | 60%                         | 40%                             | 20%                                  | 45%                                  |
| 66 | At break-even point, the contribution margin equals total  | variable cost               | sales revenue                   | fixed cost                           | administrative cost.                 |
| 67 | If the selling price per unit is ` 16, the unit variable cost is ` 12 and fixed costs are ` 60,000; the break-even points in units will be | 15,000 units                | 10,000 units                    | 20,000 units                         | 40,000 units.                        |
| 68 | A company has sales of ` 2,00,000; P/V Ratio is 20% and fixed cost is ` 15,000; the profit will be   | ` 25,000                    | ` 20,000                        | ` 35,000                             | ` 40,000                             |
| 69 | Under marginal costing, cost is classified on the basis of   | Function                    | Behaviour                       | Elements                             | None of these                        |
| 70 | Contribution margin is equal to  | Fixed cost + variable cost  | Sales – variable cost           | Sales – fixed assets                 | Sales – profit                       |
| 71 | Margin of safety is  | Sales – contribution        | Actual sales – Break even sales | Sales – fixed assets                 | Fixed cost + variable cost           |
| 72 | If Sales are ` 80,000 and variable cost to sales is 70%, contribution is   | ` 56,000                    | ` 24,000                        | ` 70,000                             | ` 30,000                             |
| 73 | P/V ratio will increase if there is  | an increase in fixed cost   | a decrease in fixed cost        | a decrease in variable cost per unit | a decrease in selling price per unit |
| 74 | Sales are ` 3,00,000, direct cost is ` 1,70,000 profit is 20% on sale. Fixed cost will be  | ` 60,000                    | ` 70,000                        | ` 80,000                             | ` 95,000                             |
| 75 | Sales are ` 1,00,000, variable cost is ` 70,000 and fixed cost is ` 15,000. The P/V ratio will be  | 30%                         | 20%                             | 35%                                  | 25%                                  |
| 76 | Sales are 1,000 units @ ` 100 per unit variable cost ` 60,000. Fixed cost ` 28,000. The BEP in units will be                               | 500 units                   | 700 units                       | 1,000 units                          | 1,200 units                          |
| 77 | Profit ` 30,000, Marginal cost per unit ` 8, selling price per unit ` 10. The M/S will be.   | ` 1,40,000                  | ` 1,50,000                      | ` 1,25,000                           | ` 1,45,000                           |
| 78 | Contribution is the difference between   | Sales and Variable cost     | Sales and fixed cost            | Sales and Total cost                 | Factory cost and profit              |
| 79 | Variable cost depends on   | Production                  | Demand                          | Sales                                | None of the above                    |
| 80 | Marginal cost per unit   | increases                   | decreases                       | remains fixed                        | none                                 |
| 81 | The following is not a fixed cost  | Property tax                | Insurance premium               | Power                                | None of the above                    |
| 82 | Telephone charges is a   | Fixed cost                  | Variable cost                   | Semi variable cost                   | None                                 |

|     |  |                       |                         |                        |                   |
|-----|--|-----------------------|-------------------------|------------------------|-------------------|
| 83  | Increase in fixed cost   | Increases BEP         | Decreases BEP           | Maintains the same BEP | None of the above |
| 84  | BEP in units is equal to   | C/S                   | F/contribution per unit | Sales / V. cost        | None of the above |
| 85  | Contribution is  | S – V                 | F + P                   | F – Loss               | a & b             |
| 86  | Decrease in variable cost  | decreases the BEP     | increases the BEP       | decreases P/V ratio    | none of the above |
| 87  | Decrease in selling price  | increases the BEP     | decreases the BEP       | does not affect BEP    | none of the above |
| 88  | Increase in selling price  | increase contribution | decreases contribution  | decreases fixed cost   | none of the above |
| 89  | P/V Ratio is improved by   | reducing fixed cost   | reducing variable cost  | increasing fixed cost  | none of the above |
| 90  | M/S is expressed as  | Profit / P/V ratio    | Actual sales – BES      | both a and b           | none of the above |
| 91  | Selling price per unit is ` 10 variable cost per unit is ` 6 Fixed cost ` 2,000 contribution will be | ` 4                   | ` 6                     | ` 3                    | 200               |
| 92  | Sales ` 15, contribution ` 3 P/V ratio will be   | 30%                   | 20%                     | 35%                    | 40%               |
| 93  | Sales ` 10 variable cost ` 4, P/V ratio will be  | 60%                   | 70%                     | 80%                    | 20%               |
| 94  | Variable cost ` 4 contribution ` 4 P/V ratio will be   | 40%                   | 50%                     | 30%                    | 20%               |
| 95  | Variable cost to sales ratio 40% P/V ratio will be   | 60%                   | 50%                     | 20%                    | 25%               |
| 96  | Selling price ` 10 per unit variable cost per unit ` 4 P/V ratio will be                             | 60%                   | 25%                     | 35%                    | 40%               |
| 97  | BE sales 1,600 units actual sales 2,000 units M/S will be  | 400 unit              | 500 unit                | 700 unit               | 300 unit          |
| 98  | Profit is ` 2,400. P/V ratio 60%. M/S will be  | 400 unit              | 200 unit                | 600 unit               | 700 unit          |
| 99  | BE sales 70% M/S will be   | ` 4,000               | ` 3,800                 | ` 4,500                | ` 6,500           |
| 100 | P/V ratio 40% M/S 20% BEP ` 200 lakhs sales will be  | 30%                   | 25%                     | 28%                    | 35%               |
| 101 | BEP ` 16,000 P/V ratio 60% fixed cost will be  | 250 lakhs             | 150 lakhs               | 100 lakhs              | 220 lakhs         |
| 102 | Sales ` 80,000. Variable cost ` 48,000. P/V ratio will be  | ` 9,600               | ` 9,000                 | ` 9,200                | ` 4,800           |

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| 103 | Fixed cost ` 4,000 BEP ` 10,000 P/V ratio will be   | 40%   | 25%   | 50%  | 30%   |
| 104 | What distinguishes absorption costing from marginal costing?  | Product cost include both prime cost and production overheads | Product cost include both production non-production overheads | Stock valuation includes a share of all production costs | Stock valuation includes a share of all costs                         |
| 105 | The Marginal cost statement   | Shows the gross profit  | is sent to the shareholders                                   | shows classification of costs as direct and indirect     | can be used to predict future profits at different levels of activity |
| 106 | CVP analysis required costs to be categorized as  | Fixed or variable   | direct or indirect  | product or period  | standard or actual  |
| 107 | Contribution equals   | Sales minus cost of sa  | Sales minus cost of prod                                      | Sales minus variable costs                               | Sales minus fixed costs   |
| 108 | The sales volume in value required to earn the target profit, the formula is  | Target profit / contribution per unit                         | (Fixed cost + Target profit) X P/V ratio                      | (Fixed cost + Target profit) / contribution per unit     | (Fixed cost + Target profit) / P/V ratio                              |
| 109 | There is a reduction in selling price. This will, other factors remaining the same -  | Increases the contribution margin                             | reduce fixed costs  | increases variable costs                                 | reduce operating income   |
| 110 | There is an increase in advertising expenses. This will, other factors remaining the same -   | reduce operating income                                       | reduce contribution   | decreases selling price                                  | increase variable costs   |
| 111 | The total cost of manufacturing 4000 units of a product is Rs 450000 which includes fixed costs of Rs. 250000. If the company desires to produce 5000 units, then the total cost will be -                | Rs.527778   | Rs.520000   | Rs.500000  | Rs.495000   |
| 112 | The total cost of manufacturing 3600 units of product X is Rs 81000 which includes variable costs per unit of Rs. 15. If the company desires to produce 3850 units, then the total cost will be -         | Rs.86625  | Rs.84750  | Rs.57750   | Rs.52250  |
| 113 | P Ltd incurs fixed cost of Rs. 100000 per annum. The company manufactures a single product and sells it for Rs. 50 per unit. If the contribution to sales ratio is 40%, the break even sales in units are | 5000  | 6000  | 6500   | 7000  |
| 114 | A company manufactures single product with a variable cost per unit of Rs. 22. The contribution to sales ratio is 45%. Month fixed costs are Rs. 198000. What is the breakeven point in units?            | 4950  | 9000  | 11000  | 20000   |

|     |   |           |           |            |            |
|-----|---|-----------|-----------|------------|------------|
| 115 | A Ltd. Manufactures and sell product B. The sale price per unit of the product is Rs. 35. The company will incur a loss of Rs. 5 per unit if it sells 4000 units; but if the volume is raised to 12000 units, the company will make profit of Rs. 4.5 per unit. The breakeven point in units is           | 5700      | 6612      | 5250       | 6162       |
| 116 | The profit volume ratio and margin of safety ratio are 30% and 40% respectively. If the total sales is Rs, 300000, the profit of the firm is  | Rs. 54000 | Rs. 48000 | Rs. 36000  | Rs. 30000  |
| 117 | A company manufactures a single product which it sells for Rs. 15 per unit. The product has a contribution to sales ratio of 40%. The company's weekly break-even point is sales of Rs. 18000. What would be the profit in a week when 1500 units are sold?   | Rs. 900   | Rs. 1800  | Rs. 2700   | Rs. 4500   |
| 118 | An organisation manufactures a single product. The total cost of making 4000 units is 20000 and total cost of making 20000 units is 40000. Within this range of activity the total fixed costs remain unchanged. What is the variable cost per unit of the product?                                       | Rs. 0.80  | Rs. 1.20  | Rs. 1.25   | Rs. 2.00   |
| 119 | 5400 units of a company's single product were sold for a total revenue of Rs. 140400. Fixed costs in the period were Rs. 39420 and net profit was Rs. 11,880. What was the contribution per unit?   | Rs.7.30   | Rs.9.50   | Rs.16.50   | Rs.18.70   |
| 120 | Sales are Rs. 320000, fixed costs are 80000 and variable costs are Rs. 120000. What is the safety margin?   | Rs. 18900 | Rs. 20000 | Rs. 192000 | Rs. 128000 |
| 121 | An organisation manufactures a single product which has a variable cost of Rs. 36 per unit. The organisation's total weekly costs are 81000 and it has a contribution to sales ratio of 40%. This week it plans to manufacture and sell 5000 units. What is the organisation's margin of safety in units? | 1625      | 2750      | 3375       | 3500       |
| 122 | An organisation's break even point is 4000 units at a sales price of Rs. 50 per unit, variable cost of Rs. 30 per unit. And total fixed cost of Rs. 80000. If the company sells 500 additional units, by how much will its profit increase?   | Rs. 25000 | Rs. 15000 | Rs. 12000  | Rs. 37000  |



| 123         | Banta Ltd. Manufactures product KDM for last ten years. The company maintains a margin of safety of 36% with an overall contribution to sales ratio of 35%. If fixed cost is Rs. 8.4 Lakh, the profit of the company is  | Rs. 11.400 lakh  | Rs. 24.00 lakh  | Rs. 4.725 lakh                              | Rs. 8.644 lakh                                     |        |        |        |       |       |            |            |            |           |
|-------------|--|--|---|---|--|--------|--------|--------|-------|-------|------------|------------|------------|-----------|
| 124         | A company wishes to make a profit of Rs. 150000. It has fixed costs of Rs. 75000 with a C/S ratio of 0.75 and a selling price of Rs. 10 per unit. How many units the company need to sell in order to achieve the required level of profit?  | 10000 units  | 15000 units   | 22500 units                                 | 30000 units  |        |        |        |       |       |            |            |            |           |
| 125         | A company has a profit volume ratio of 20%. To maintain the same contribution, by what % must sales be increased to offset 10% reduction in selling price?   | 10   | 20  | 100   | 50   |        |        |        |       |       |            |            |            |           |
| 126         | The following data is obtained from the the records of the plum Ltd:<br><table border="1" style="display: inline-table; margin-left: 20px;"> <thead> <tr> <th>Particulars</th> <th>First Year (Rs.)</th> <th>Second Year (Rs.)</th> </tr> </thead> <tbody> <tr> <td>Sales</td> <td>128000</td> <td>144000</td> </tr> <tr> <td>Profit</td> <td>16000</td> <td>22400</td> </tr> </tbody> </table> The break even sales of the company in rupees is | Particulars  | First Year (Rs.)                                      | Second Year (Rs.)                           | Sales  | 128000 | 144000 | Profit | 16000 | 22400 | Rs. 136000 | Rs. 100000 | Rs. 880000 | Rs. 90000 |
| Particulars | First Year (Rs.)   | Second Year (Rs.)  |   |   |  |        |        |        |       |       |            |            |            |           |
| Sales       | 128000   | 144000   |   |   |  |        |        |        |       |       |            |            |            |           |
| Profit      | 16000  | 22400  |   |   |  |        |        |        |       |       |            |            |            |           |
| 127         | CVPA is an acronym for ?   | Cost Volume Profit Analysis                                | Costing Value Profit Analysis                         | Contribution Value Percentage Analysis      | Contribution Volume Profit Analysis                |        |        |        |       |       |            |            |            |           |
| 128         | Which of the following is the assumption of CVP Analysis ?   | Variable Cost per unit is not same at all levels of output | Profit cannot be maximised by maximising contribution | Fixed Costs are constant during each period | Total cost cannot be separated into two components |        |        |        |       |       |            |            |            |           |
| 129         | At the Break-Even Point, which equation will be true?  | Variable Cost - Fixed Cost = Contribution                  | Sales-Variable Cost = Fixed Cost                      | Sales - Fixed cost = Contribution           | Sales + Contribution = Variable Cost               |        |        |        |       |       |            |            |            |           |
| 130         | Measurable value of an alternative use of resources is   | Imputed cost   | Sunk cost   | Opportunity cost                            | Differential cost                                  |        |        |        |       |       |            |            |            |           |

| 131                           | <p>A company manufactures and sells 2 products (X and Y) both of which utilise the same skilled labour. For the coming period, the supply of skilled labour is limited to 2000 hours. Data relating to each product are as follows:</p> <table border="1" data-bbox="184 282 905 440"> <thead> <tr> <th>Product</th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>Selling price per unit</td> <td>20</td> <td>40</td> </tr> <tr> <td>Variable cost per unit</td> <td>12</td> <td>30</td> </tr> <tr> <td>Skilled labour hours per unit</td> <td>2</td> <td>4</td> </tr> <tr> <td>Maximum demand per period</td> <td>800</td> <td>400</td> </tr> </tbody> </table> <p>In order to maximise profit in the coming period, how many units of each product should the company manufacture and sell?</p> | Product  | X        | Y        | Selling price per unit | 20 | 40 | Variable cost per unit | 12 | 30 | Skilled labour hours per unit | 2 | 4 | Maximum demand per period | 800 | 400 | 200 units of X and 400 units of Y | 400 units of X and 300 units of Y | 600 units of X and 200 units of Y | 800 units of X and 100 units of Y |
|-------------------------------|--|----------|----------|----------|------------------------|----|----|------------------------|----|----|-------------------------------|---|---|---------------------------|-----|-----|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Product                       | X  | Y        |          |          |                        |    |    |                        |    |    |                               |   |   |                           |     |     |                                   |                                   |                                   |                                   |
| Selling price per unit        | 20   | 40       |          |          |                        |    |    |                        |    |    |                               |   |   |                           |     |     |                                   |                                   |                                   |                                   |
| Variable cost per unit        | 12   | 30       |          |          |                        |    |    |                        |    |    |                               |   |   |                           |     |     |                                   |                                   |                                   |                                   |
| Skilled labour hours per unit | 2  | 4        |          |          |                        |    |    |                        |    |    |                               |   |   |                           |     |     |                                   |                                   |                                   |                                   |
| Maximum demand per period     | 800  | 400      |          |          |                        |    |    |                        |    |    |                               |   |   |                           |     |     |                                   |                                   |                                   |                                   |
| 132                           | <p>A company manufactures and sells a single product. The variable cost of the product is Rs. 2.5 per unit and all production each month is sold at a price of Rs. 3.70 per unit. A potential new customer has offered to buy 6000 units per month at a price of Rs. 2.95 per unit. The company has sufficient spare capacity to produce this quantity. If the new business is accepted, sales to existing customers are expected to fall by 2 units for every 15 units sold to the new customer. What would be the overall increase in monthly profit which would result from accepting the new business?</p>   | Rs. 1740 | Rs. 2220 | Rs. 2340 | Rs. 2700               |    |    |                        |    |    |                               |   |   |                           |     |     |                                   |                                   |                                   |                                   |
| 133                           | <p>A company would sell 40000 units of a product if the unit selling price was set at Rs. 10 and these would generate a total contribution of Rs. 1,60,000. If the unit selling price was reduced to Rs. 9.50 then sales of 44000 units would result. Setting unit selling price of Rs, 10.50 and 11 would result in sales of 36000 and 31000 units respectively. Which selling price would generate the highest total contribution?</p>   | Rs. 9.50 | Rs. 10   | Rs. 10.5 | Rs.11                  |    |    |                        |    |    |                               |   |   |                           |     |     |                                   |                                   |                                   |                                   |
| 134                           | <p>A company currently produces 6000 units of its single product each period, incurring total variable costs of Rs. 60000 and fixed cost of Rs. 42000. Production will increase to 8000 units per period if the company expands capacity resulting in changes both to the variable costs per unit and to the total fixed costs. For production of 8000 units per period total variable costs would be Rs. 76000 and fixed cost Rs. 50000. What is the reduction in total cost per unit comparing the costs for 8000 units per period with the units costs currently being incurred?</p>  | Rs. 0.50 | Rs. 0.75 | Rs. 1.25 | Rs. 2.08               |    |    |                        |    |    |                               |   |   |                           |     |     |                                   |                                   |                                   |                                   |

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| 135 | Assume that no limiting factor is in operation, which of the following statements is true with regards to taking a decision of buying the component from outside rather than making it inhouse?   | If the bought out price of component is lower than its marginal cost, company should buy the component | If the bought out price of the component is higher than its marginal cost, company should buy the component | If the bought out price of component is higher than its total cost, company should buy the component | If the bought out price of component is higher than its fixed cost, company should but the component |
| 136 | Contribution per unit of Product P, Q and R is Rs. 30, 20 and 40 respectively. Direct Material required per unit of P, Q and R is : 3 kgs, 4 kgs and 5 kgs respectively. What is the Contribution per kg for Product P ?  | Rs. 10   | Rs. 5   | Rs. 8  | Rs. 15   |
| 137 | When making a decision between manufacturing a component or outsourcing its production, the information required is:<br>i. The internal variable manufacturing cost per component<br>ii. The monthly volume of compnents required<br>iii. The internal fixed overhead absorption rate per compenent<br>iv. the monthly specific fixed cost total for the component<br>v. the purchase price of the compenent from the external supplier | i and v  | I, iii and v  | I, ii, iv and v  | I, ii, iii and v   |
| 138 | A cost that cannot be changed by any decision made now is   | Sunk cost  | Opportunity cost  | Indirect cost  | Mixed cost   |
| 139 | A shut down point is the point at which   | Operating loss is equal to the loss due to shut down   | Contribution is less than fixed cost  | Contribution is equal to fixed cost  | None of these  |
| 140 | In make or buy decision   | Marginal cost and purchase price should be considered  | Total cost and purchase price should be considered  | Fixed cost & marginal cost should be considered  | None of these  |
| 141 | In a decision situation which one is the cost not likely to contain a variable cost component.  | Material   | Labour  | Overhead   | Direct expenses  |
| 142 | In a situation when the decision is to be taken about acceptance or rejection of special orders where there is a sufficient idle capacity which one is not relevant for decision making.  | Absorption cost  | Variable cost   | Differential cost  | Incremental cost   |
| 143 | A company manufactures two products X & Y. The contribution per unit is ` 40 and ` 30 respectively. Product X requires 10 hrs. per unit and product Y requires 6 hrs. per unit. If time is the limiting factor the most profitable product will be  | Y  | X   | Both X & Y   | None of these  |

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| 144 | If 1,00,000 units are manufactured, total cost incurred is Rs. 30 lakhs.<br>If 1,20,000 units are manufactured, total cost incurred is Rs. 35 lakhs.<br>What is the differential cost per unit? | Rs. 5,00,000               | Rs. 5                      | Rs. 25                            | Rs. 20            |
| 145 | Cost variance is a difference between _____ and _____.  | Standard, actual cost      | Material, Labour, expenses | Production Manager, Sales Manager | None of the above |
| 146 | Cost variance = Actual Cost – _____.  | Standard cost              | Actual Cost                | Variance                          | None of the above |
| 147 | Material Cost Variance is favourable when actual cost is _____ than the standard cost.  | Less                       | More                       | Controllable                      | None of the above |
| 148 | _____ variance arises due to controllable factors.  | Controllable               | Non-controllable           | Abnormal gain                     | None of the above |
| 149 | _____ variance arises due to non-controllable factors.  | Abnormal gain              | Non-controllable           | Controllable                      | None of the above |
| 150 | _____ variance arises due to change in the mix of material.   | Labour Mix Variance        | Material mix               | Material yield                    | None of the above |
| 151 | _____ variance arises due to change in wastage.   | Material mix               | Material yield             | Labour Mix Variance               | None of the above |
| 152 | Labour efficiency variance shows _____ of labour.   | Controllable               | Efficiency                 | Idle Time Variance                | None of the above |
| 153 | Idle time variance is always _____.   | Variance                   | Adverse                    | Change in wastage                 | None of the above |
| 154 | Change in composition of labour causes _____.   | Material yield             | Idle Time Variance         | Labour Mix Variance               | None of the above |
| 155 | Fixed overhead calender variance arises due to change in the number of _____.   | Week                       | Year                       | Days                              | None of the above |
| 156 | _____ is responsible for efficient buying.  | Production manager         | Sales manager              | Purchase Manager                  | None of the above |
| 157 | _____ labour strike causes.   | Idle Time Variance         | Labour Mix Variance        | Adverse                           | None of the above |
| 158 | Overheads include indirect _____ indirect _____ and indirect _____.   | Material, Labour, expenses | Standard, actual cost      | Production Manager, Sales Manager | None of the above |
| 159 | Difference between standard cost and actual cost is called as:  | Variance                   | Profit                     | Loss                              | Wastage           |
| 160 | Excess of actual cost over standard cost is a   | Favourable variance        | Unfavourable variance      | Abnormal gain                     | None of the above |
| 161 | Excess of standard cost over actual cost is a   | Favourable variance        | Unfavourable variance      | Abnormal gain                     | none of the above |

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| 162 | Material cost variance is favourable when                        | Actual cost of material is more than std. material cost  | Standard cost of material is more than actual cost of material | Actual quantity of material is more than standard quantity of material | None of the above |
| 163 | Material cost variance is non controllable when it arises due to | Change in quantity                                       | Change in wastage  | Change in tax rate   | None of the above |
| 164 | Material mix variance is a difference between                    | SMC – AMC  | SQ – AG  | SCSM – SCAM  | None of the above |
| 165 | Material yield variance arises due to change in the              | Wastage  | Input  | Output   | None of the above |
| 166 | Material cost variance is equal to                               | MPV + MUV  | MUV + MYV  | MYV + MPV  | MPV + MUV + MYV   |
| 167 | Labour cost variance is a difference between                     | Std. labour cost and actual labour cost                  | Std. labour hrs – actual labour hrs                            | Std. labour rate – actual labour rate                                  | None of the above |
| 168 | Favorable labour efficiency variance indicates                   | Improvement in labour efficiency                         | Improvement in quality   | Cost reduction   | None of the above |
| 169 | Labour rate variance is favourable when                          | Actual rate is lower than the std. rate                  | Actual time is less than std. time                             | Actual rate is higher than std. rate                                   | None of the above |
| 170 | Idle time variance is always                                     | Favourable   | Unfavourable   | Controllable   | None of the above |
| 171 | Labour mix variance is   | SLH – ALH  | SLR – ALR  | std. cost – actual cost  | SCSLM – SCALM     |
| 172 | Labour yield variance is   | SLC – ALC  | SLR – ALR  | Idle hrs × std. rate   | SLY – ALY × SR    |
| 173 | Overheads include  | Indirect material, indirect labour                       | Indirect material, indirect labour, indirect expenses          | Fixed overheads  | None of the above |
| 174 | Variable overhead variance is                                    | std. cost – actual cost                                  | std. variable overheads – actual variable overheads            | std. output – actual output  | None of the above |
| 175 | Fixed overheads variance is favourable when                      | Actual fixed overheads are less than std fixed overheads | std. fixed overheads are less than actual fixed overheads      | std. fixed overheads are equal to actual fixed overheads               | None of the above |
| 176 | Fixed overheads expenditure variance is a difference between     | Budgeted fixed overhead and actual fixed overheads       | std. fixed overheads and actual fixed overheads                | Fixed over heads and variable over heads                               | None of the above |

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| 177 | Fixed overhead efficiency variance is a difference between  | Recovered overheads – std. over heads | std. cost – actual cost              | std. hours – actual hours         | None of the above |
| 178 | Fixed overheads capacity variance is a difference between   | std. overheads and budgeted overheads | Fixed overheads and actual overheads | std. capacity and actual capacity | None of the above |
| 179 | Fixed overheads calendar variance arises due to   | Change in the number of working days  | Change in the labour hours           | Change in output                  | Change in input   |
| 180 | Sales value variance is   | SPV + SVV                             | SPV + SMV                            | Budgeted sale – actual sale       | None of the above |
| 181 | Sales volume variance is  | SQV + SMV                             | SVV + SQV                            | SPV + SQV                         | None of the above |
| 182 | Sales volume variance is  | $(AQ - SQ) \times SP$                 | $(AP - SP) \times AQ$                | AM – SM                           | None of the above |
| 183 | Sales mix variance is   | SSVAM – SSVRSM                        | SCSM – SCAM                          | SLH – ALH $\times$ SR             | None of the above |
| 184 | Idle time variance is caused due to   | Power Failure                         | Change in quantity                   | Change in efficiency              | None of the above |
| 185 | The manager responsible for idle time variance is   | Production manager                    | Sales manager                        | M.D.                              | Chief accountant  |
| 186 | Purchase manager is responsible for   | Efficient buyer                       | Labour problem                       | Poor maintenance                  | None of the above |
| 187 | Labour strike causes  | Material price variance               | Idle time variance                   | Material yield variance           | None of the above |
| 188 | In a factory where standard cost system is operating 2,000 kgs or a material @ ` 12 per kg are used for a product resulting in a price variance of ` 6,000 F and usage variance of ` 3,000 (Adv). Then standard material cost for actual production was | ` 24,000                              | ` 27,000                             | ` 36,000                          | ` 38,000          |
| 189 | Standard price for 4,850 Kg of material is Rs. 14,550. The material price variance was 2425 (A). Calculate the actual price per kg  | 3                                     | 3.25                                 | 3.5                               | 3.75              |

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| 190 | A company budgets for fixed over heads of ` 24,000 and production of 4,800 units. Actual production is 4,200 units and fixed over heads incurred is ` 22,000. The fixed over heads volume variance is | 3,000 A   | 1,500 A   | 2,500 F  | 3,500 F  |
| 191 | XYZ Ltd purchased 6,850 of material for ` 21,920. The material price variance was ` 1,370 (f). The standard price per kg was  | ` 3.40  | ` 3.25  | ` 3.15   | None of the above                                    |
| 192 | The standard hourly rate was 1.40. The actual rate was 1.30. The labour rate variance was 600 favourable. Find the actual labour hours (AH).  | 6,000   | 6,400   | 1,000  | 1,500  |
| 193 | Identify the characteristic of Idle time variance.  | It is always favourable   | It is always Adverse  | It is always abnormal  | It is always fair                                    |
| 194 | How is the nature of Idle time variance always?   | Favourable  | Unfavourable  | Controllable   | None of the above                                    |
| 195 | Fixed overheads expenditure variance is a difference between which of the following overheads?  | Budgeted fixed overhead and actual fixed overheads                                      | std. fixed overheads and actual fixed overheads   | Fixed over heads and variable over heads                           | Standard fixed overheads and variable overheads      |
| 196 | Material cost variance is non controllable when it arises due to any one of the following reasons. Identify   | Change in quantity  | Change in wastage   | Change in tax rate   | Change in quality                                    |
| 197 | Which of the following best describes a basic standard?   | A standard set at an ideal level, which makes no allowance for normal losses, waste and | A standard which assumes an efficient level of operation, but which includes allowances for | A standard which is kept unchanged over a long period of time      | A standard which is based on current price levels    |
| 198 | Which of the following statements about ideal standards is false ?  | It is called theoretical or maximum efficiency standard                                 | These are standard costs that are set for production under optimal condition                | It makes no allowance for wastage, spoilage and machine breakdowns | It can be used for cash budgeting or product costing |
| 199 | Standard - 2,400 units at the rate of ` 20 per unit, Actual - 2,600 units at the rate of ` 19 per unit, The material cost variance is   | 2600 A  | 1400 F  | 2400 A   | 1400 A   |
| 200 | During a period, 17,500 labour hours were worked at a standard cost of ` 6.50 per hour. If the labour efficiency variance is ` 7,800 (favourable), the standard direct labour hours are               | 20000   | 19200   | 18700  | 18500  |