Reg. No. \_\_\_\_\_\_\_\_\_\_\_\_\_



**End Semester Examination – Nov / Dec – 2019**

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| **Code :** | **17BC2019** | **Duration :** | **3hrs** |
| **Sub. Name :** | **COST ACCOUNTING** | **Max. Marks :** | **100** |

**ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)**

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| --- | --- | --- | --- | --- |
| **Q. No.** | **Sub Div.** | **Questions** | **Course**  **Outcome** | **Marks** |
| 1. |  | From the following information prepare a cost sheet for the month of December.   |  |  | | --- | --- | | **Particulars** | **Rs.** | | Stock of raw materials on 1st December | 25,000 | | Stock of raw materials on 31st December | 26,200 | | Purchase of raw materials | 21,900 | | Carriage on purchase | 1,100 | | Sale of finished goods | 72,300 | | Direct wages | 17,200 | | Non- productive wages | 800 | | Direct expenses | 1,200 | | Factory overheads | 8,300 | | Administrative overheads | 3,200 | | Selling overheads | 4,200 | | CO3 | 20 |
| **(OR)** | | | | |
| 2. |  | Describe briefly the different methods of costing, and state the particular industries to which they can be specified. | C02 | 20 |
|  |  |  |  |  |
| 3. | a. | From the following details state which product is more profitable to manufacture. Assume time as the key factor.   |  |  |  | | --- | --- | --- | | **Particulars** | **Product A**  **(per unit)** | **Product B**  **(per unit)** | | Material | 24 | 14 | | Labour (Re.1 per hour) | 2 | 3 | | Variable overhead (**The Indian rupee symbol sign line icon on background Stock Vector - 70335170**2 per hour) | 4 | 6 | | Sales price | 100 | 110 | | Standard time to produce (in hour) | 2 | 3 | | CO3 | 10 |
| b. | Describe the following notes:  i) Time booking ii) Normal idle time. | CO2 | 10 |
| **(OR)** | | | | |
| 4. |  | From the following particulars, calculate the earnings of different workers under Taylor’s differential piece rate system.  Standard time per unit : 6 min  Normal rate : The Indian rupee symbol sign line icon on background Stock Vector - 703351705 per hour  Differential piece rates:  80% of piece rate below the standard  120% of piece rate at or above the standard  In a day of 8 hours, the production by different workers is as under;  Amar : 70 units; Badekhan : 80 units; Chaplin :90 units; Dharmsingh : 100 units. | CO3 | 20 |
|  |  |  |  |  |
| 5. |  | State the importance of labour cost control. | CO2 | 20 |
| **(OR)** | | | | |  |
| 6. | a. | Calculate (i) Profit Volume ratio, break -even point and margin of safety. (ii) The effect of 20% increase in selling price (iii) The effect of 20% decrease in selling price, from the following information.  Sales – 4,00,000  Variable Cost – 2,50,000  Fixed Cost – 72,450. | CO4 | 10 |
| b. | Describe the essentials of cost volume profit analysis. | CO4 | 10 |
|  |  |  |  |  |
| 7. | a. | The fixed cost for the year is The Indian rupee symbol sign line icon on background Stock Vector - 7033517040,000. Variable cost per unit for the single product being made The Indian rupee symbol sign line icon on background Stock Vector - 70335170 6. Estimated sales for the period are valued at The Indian rupee symbol sign line icon on background Stock Vector - 703351701,60,000. The number of units involved coincides with the expected volume of output. Each unit sells at The Indian rupee symbol sign line icon on background Stock Vector - 7033517010 each. Calculate break-even point. | CO4 | 10 |
| b. | State the characteristics of process costing. | CO2 | 10 |
| **(OR)** | | | | |
| 8. |  | Calculate the cost of each process and total cost of production from the data given below:   |  |  |  |  | | --- | --- | --- | --- | | **Particulars** | **Process I** | **Process II** | **Process III** | | Materials | 2250 | 750 | 300 | | Wages | 1200 | 3000 | 900 | | Direct expenses | 500 | 500 | 500 | | Works overhead | 1890 | 2580 | 1875 |   Indirect expenses of The Indian rupee symbol sign line icon on background Stock Vector - 703351701275 should be apportioned on the basis of wages. | CO6 | 20 |
|  | | **Compulsory**: |  |  |
| 9. |  | Prepare stores ledger accounts on the basis of base stock method in FIFO from the following information.  2019 May 1 Purchased 600 units @The Indian rupee symbol sign line icon on background Stock Vector - 7033517030 per unit  May 11 Purchased 200 units @The Indian rupee symbol sign line icon on background Stock Vector - 7033517035 per unit  May 16 Issued 300 units  May 18 Purchased 500 units @40 per unit  May 22 Issued 300 units  May 25 Purchased 400 units @The Indian rupee symbol sign line icon on background Stock Vector - 7033517045 per unit  May 28 issued 200 units  May 30 Issued 500 units | CO3 | 20 |