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



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

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| **Code :** | **17BB2013** | **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. | a. | Calculate Prime Cost, factory cost, cost of production, cost of sales and profit from the following details.   |  |  | | --- | --- | | Direct Materials | **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**10,000 | | Direct Labour | **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**4,000 | | Direct expenses | **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**500 | | Factory Expenses | **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**1,500 | | Administrative Expenses | **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**1,000 | | Selling Expenses | **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**300 | | Sales | **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**20,000 | | CO3 | 10 |
| b. | For the following industries, suggest suitable methods of costing. Give reasons for supporting your suggestions:   1. Brick manufacturing industry 2. Bicycle manufacturing industry 3. Road construction industry 4. Oil mills 5. Books industry | CO3 | 10 |
| **(OR)** | | | | |
| 2. |  | “Cost may be classified according to their nature and a number of other characteristics”. Discuss this statement while classifying costs. | CO2 | 20 |
|  |  |  |  |  |
| 3. |  | From the following information prepare a cost sheet for the month of January.   |  |  | | --- | --- | | Stock of raw materials on 1st January | 25,000 | | Stock of raw materials on 31st January | 26,200 | | Purchase of raw materials | 21,900 | | Carriage on purchases | 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)** | | | | |
| 4. | a. | From the following data calculate the wages of workers on the basis of Halsey Premium Plan.  Rate per hour **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**2  Standard Time 16 hours  Time Taken 12 hours | CO3 | 5 |
| b. | Explain the various methods of Time-Booking. | CO2 | 15 |
|  |  |  |  |  |
| 5. | a. | Cost data of a product is as follow:   |  |  | | --- | --- | | Material | 200 | | Labour | 100 | | Variable Expenses | 50 | | Fixed Expenses | 75 | | Total cost | 425 | | Profit | 100 | | Sales Price | 525 |   Unit produced and sold – 10,000   1. Find out Break even point. 2. If sale price is reduced by **The Indian rupee symbol sign line icon on background Stock Vector - 70335170** 25, how many more units must be produced and sold to realize the same profit as at present? | CO4 | 10 |
| b. | Calculate wage for workers X, Y, Z from the following by Rowan Method.  Standard time 8 hours  Hourly rate **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**10  Actual time X – 12 hours  Y – 8 hours  Z – 5 hours | CO3 | 5 |
| c. | Calculate wages for workers A, B, and C by Halsey Weir Premium Plan from the following particulars.  Standard time 45 hours  Standards rate **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**9 per hour  Actual time taken by A 50 hours  B 45 hours  C 38 hours | CO3 | 5 |
| **(OR)** | | | | |
| 6. | a. | The following information are related to a manufacturing company.  Selling price per unit **The Indian rupee symbol sign line icon on background Stock Vector - 70335170** 60  Fixed Cost **The Indian rupee symbol sign line icon on background Stock Vector - 70335170** 2,50,000  Variable Cost per unit:  Direct material **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**17  Direct wages **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**4  Variable overheads 75% of direct wages.  Calculate (i) P/v ratio (ii)sales required to earn a profit of **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**2,00,000  (iii) break even sales with the help of p/v ratio. | CO4 | 10 |
| b. | Distinguish between advantages and disadvantages of job costing. | CO3 | 10 |
|  |  |  |  |  |
| 7. |  | Mr. Ram Kumar produces the product ‘Tom’ which goes through three distinct processes. The following information is available from his accounts:   |  |  |  |  | | --- | --- | --- | --- | | **Items** | **Process I**  **The Indian rupee symbol sign line icon on background Stock Vector - 70335170** | **Process II**  **The Indian rupee symbol sign line icon on background Stock Vector - 70335170** | **Process III**  **The Indian rupee symbol sign line icon on background Stock Vector - 70335170** | | Direct material | 10,000 | 6,000 | 4,000 | | Direct wages | 4,000 | 2,000 | 2,000 | | Direct expenses | 8,000 | 4,000 | 2,000 | | Indirect expenses incurred are **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**8,000 which are recovered on the basis of 100% of direct wages. You are required to prepare process accounts. | | | | | CO5 | 20 |
| **(OR)** | | | | |
| 8. |  | Differentiate between the process costing and job costing. | CO2 | 20 |
|  | | **Compulsory**: |  |  |
| 9. |  | A manufacturing company is producing product x with the help of raw material A. the details regarding the receipts and issues of material in a factory during January and February 2019 are started as follows:  Jan 1 Opening balance 600 units @**The Indian rupee symbol sign line icon on background Stock Vector - 70335170**20 per unit  Jan 6 Received 400 units @ **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**22 per unit  Jan 10 Issued 700 units  Jan 18 Issued 200 units  Jan 20 Received 500 units @25 per unit  Feb 1 Issued 400 units  Feb 5 issued 100 units  Feb 10 received 400 units @30 per units  Feb 15 issued 300 units  Prepare stores ledger accounts on the basis of First-in-first-out method. | CO3 | 20 |