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



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

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| **Code :** | **18PA2008** | Duration : | **3hrs** |
| **Sub. Name :** | **COST ACCOUNTING - I** | 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. | Define costing and cost accounting. State the comparision between financial accounting and cost accounting. | CO1 | 20 |
| (OR) | | | | |
| 2. | a. | A production company submits to you the following details and asked you to prepare cost sheet for the year 31st Dec, 2018.  Cost of raw materials 25,000  Advertising 1,000  Depreciation on Plant & Machinery 1,500  Factory office salaries 6,000  Legal expenses 300  Supervisor’s salary 5,500  Factory rates and insurance 1,000  Carriage outwards 1,500  Direct Labour 20,000  Bad Debts 300  Office Stationery 200  Rent of factory 2,500  Office Salary 10,000  Commission on Sales 4,000  Audit fees 300  Income tax 1,500  Donation to Charitable institutions 500  Purchase of new plant 10,000 | CO2 | 20 |
|  |  |  |  |  |
| 3. | a. | The stock in hand of a material as on 1st September was 500 units at **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**10 per unit. The following purchases and issues were subsequently made. Prepare the stores ledger account showing how the value of the issues would be recorded under FIFO method.  **Purchases**  6thSept. 100 units @ **The Indian rupee symbol sign line icon on background Stock Vector - 70335170**11  20th Sept. 700 units @**The Indian rupee symbol sign line icon on background Stock Vector - 70335170**12  27th Sept. 400 units @**The Indian rupee symbol sign line icon on background Stock Vector - 70335170**13  13th Oct. 1,000 Units @**The Indian rupee symbol sign line icon on background Stock Vector - 70335170**14  20th Oct. 500 Units @**The Indian rupee symbol sign line icon on background Stock Vector - 70335170**15  17th Nov. 400 Units @**The Indian rupee symbol sign line icon on background Stock Vector - 70335170**16  **Issues**  9th Sept. 500 Units  22nd Sept. 500 units  30th Sept. 500 units  15th Oct. 500 units  22nd Oct. 500 units  11th Nov. 500 units. | CO2 | 20 |
| (OR) | | | | |
| 4. | a. | 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 |
|  | b. | 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 |
|  | c. | Explain the various methods of Time-Booking. | CO2 | 10 |
|  |  |  |  |  |
| 5. | a. | i) Mr. Ramesh works in a factory where following particulars are applied:  Normal rate per hour - 3  Normal piece rate - 20% more of time rate  Expected output - 40 units per hour  Ramesh produces 314 units in an 8hour day  Calculate his wages for the day on (a) Time basis (b) piece basis | CO4 | 10 |
|  | b. | ii) From the following data calculate the wages of worker on the basis of Halsey Premium Plan.  Rate per hour -2  Standard time - 16 hours  Time taken - 12 hours. | CO4 | 10 |
| (OR) | | | | |
| 6. |  | “ Cost control does not aim at reduction in cost. Its object is merely to ensure the maximum utility of the cost incurred.” Discuss to what extent you agree with this statement. | CO4 | 20 |
|  |  |  |  |  |
| 7. |  | You are supplied with the following information and required to work out the production hour rate of recovery of overhead in departments A,B and C.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Particulars** | **Production department** | | | **Service Department** | | | **A** | **B** | **C** | **P** | **Q** | | Rent 12000 | 2400 | 4800 | 2000 | 2000 | 800 | | Electricity 4000 | 800 | 2000 | 500 | 400 | 300 | | Indirect labour 6000 | 1200 | 2000 | 1000 | 800 | 1000 | | Depreciation 5000 | 2500 | 1600 | 200 | 500 | 200 | | Sundries 4500 | 910 | 2143 | 847 | 300 | 300 | | Total 31500 | 7810 | 12543 | 4547 | 4000 | 2600 | | Estimated working hours | 1000 | 2500 | 1400 |  |  | | Expenses of service departments P and Q are apportioned as under: | | | | | | |  | A | B | C | P | Q | | P | 30% | 40% | 20% | - | 10% | | Q | 10% | 20% | 50% | 20% | - | | C03 | 20 |
| (OR) | | | | |
| 8. |  | State the meaning and definition of budgetary control. Discuss the procedure for budgetary control and the reporting of budgetarty control | CO3 | 20 |
|  | |  |  |  |
|  | | **Compulsory**: |  |  |
| 9. |  | Prepare a flexible budget for overheads on the basis of the following data. Ascertain the overhead rates at 50%, 60% and 70% capacity.  At 60% capacity  Variable overheads: Rs.  Indirect material 6000  Indirect labour 18000  Semi-variable overheads:  Electricity(40% fixed 60% variable) 30000  Repairs (80% fixed 20% variable) 3000  Fixed overheads:  Depreciation 16500  Insurance 4500  Salaries 15000  Total overheads 93000  Estimated direct labour hours 186000 | CO3 | 20 |