

1. Define Cost Accounting
2. What is Profit centre?
3. What do you mean by Inventory Control?
4. Define Labour turnover ?
5. What is Abnormal idle time?
6. What is Absorption of overhead?
7. State the Elements of Overhead.
8. What do you mean by Reconciliation statement ?
9. Calculate the Economic Order Quantity from the following particulars,

Annual usage	6,000 units
Cost of materials per unit	Rs.20
Cost of placing and receiving one order	Rs.60
Annual carrying cost	Rs.2 per unit
10. From the following calculate the cost of Raw materials consumed for the month of December 2005

Stock on hand-1st December 2005	Rs.25,000
31st December 2005	Rs.26,200
Purchase of Raw materials	Rs.21,900
Carriage on purchase	Rs.1,100
Direct wages	Rs.17,200
11. The time card of a worker reveals that in a normal week of 48 hours, he worked for 52 hours at the rate of Rs.15 per hour. Taking overtime premium at 100% of the time rate, calculate the gross wages.
12. The Factory Overhead of a production department is Rs. 8,00,000. Direct material cost is Rs. 16,00,000. Direct wages is Rs. 24,00,000. You are required to ascertain the Prime Cost Percentage Rate of factory Overhead.

**Section B** ( $5 \times 5 = 25$ ) MarksAnswer any **FIVE** questions

13. Distinguish between Cost Accounting and Financial Accounting.
14. What is cost sheet and explain its purpose.
15. A factory produces 100 units of a commodity. The cost of production is

	Rs.
Direct material	10,000
Direct wages	5,000
Direct expenses	1,000
Factory overheads	6,500
Administration overheads	3,480

If a Profit of 25% on sales is to be realised, what would be the selling price of each unit of the commodity.

16. X Ltd has purchased and issued the materials in the following order.

2015, Jan1. Purchased 300 units at Rs.3 per unit.  
 Jan 4. Purchased 600 units at Rs.4 per unit.  
 Jan 6. Issued 500 units  
 Jan 10. Purchased 700 units at Rs.5 per unit  
 Jan 15. Issued 800 units.

17. S Ltd. provides the following information in respect of material X:

Supply period 5 to 15 days

Rate of consumption:

- (i) Average 15 units per day
- (ii) Maximum 20 units per day
- (iii) Yearly 5000 units

Ordering cost are Rs.20 per day

Purchase price is Rs.50 per unit

Shortage costs are 10% of unit value

Compute: (a) Reorder level (b) Minimum level, and (c) Maximum level.

18. Raghavendra Metal Company gives the following information:

Number of employees in 1.4.99	200
Number of employees on 31.3.2000	200
Number of employees resigned	20
Number of employees discharged	5
Number of employees replaced	18

Calculate labour turnover by applying (a) Separation method and (b) Replacement method.

19. Calculate machine hour rate from the following:

Cost of machine	Rs.12,000
Average repairs and maintenance charges	Rs.150 per month
Estimated scrap value	Rs.1,200
Standing charges allocated to machine	Rs.50 per month
Effective working life of the machine	10,000 hours
Running time	166 hours per month
Power used by machine	5 units per hour @ 19 paise per unit

**Section C** ( $2 \times 15 = 30$ ) Marks

Answer any **TWO** questions

20. From the following particulars prepare a statement showing the components of the total sales and the profit for the year ended 31st December

	Rs.
Stock of finished goods (on 1 <sup>st</sup> Jan)	6,000
Stock of raw materials (1 <sup>st</sup> Jan)	40,000
Work in progress (1 <sup>st</sup> Jan)	15,000
Purchase of raw materials	4,75,000
Carriage inwards	12,500
Factory rent, taxes	7,250
Other production expenses	43,000
Stock of finished goods on (31 <sup>st</sup> Dec)	15,000
Wages	1,75,000
Work's manager's salary	30,000
Factory employee's salary	60,000
Power expenses	9,500
General expenses	32,500
Sales	8,60,000
Stock of raw materials on (31 <sup>st</sup> Dec)	50,000
Work in progress on (31 <sup>st</sup> Dec)	10,000

21. From the following transaction occur in the purchase and issue of a material

June 2	Purchased 4000 units @ Rs.4 per unit
5	Purchased 500 units @ Rs.5 per unit
10	Issued 2000 units
12	Purchased 6000 units @ Rs.6 per unit
13	Issued 4000 units
15	Issued 1000 units
18	Issued 2000 units
25	Purchased 4500 units @ Rs.5.50 per unit
26	Issued 3000 units

Prepare stores ledger account using simple and weighted average method.

22. Calculate earnings of workers under straight piece rate system and Taylors differential piece rate system.

Standard time per unit	12 mins.
Standard rate per hour	Rs.60
Differentials to be used	Rs.80 and Rs.120

In a particular day of 8 hours worker X produced 30 units and worker Y produced 50 units.

23. S Ltd. has three production departments, A, B and C and two service departments X and Y. The following particulars are available for the month of November 2013.

Rent Rs.15,000; Municipal taxes Rs.5,000; Electricity Rs.2,400; Indirect wages Rs.6,000; Power Rs.6,000; Depreciation on machinery Rs.40,000; Canteen expenses Rs.30,000 and other labour related cost Rs.10,000.

Following further details are also available:

Particulars	A	B	C	X	Y
Floor space (sq.mts)	1000	1250	1500	1000	250
Light points	40	60	80	40	20
Direct wages	12,000	8,000	12,000	6,000	2,000
HP of machines	60	30	50	10	-
Cost of machines	48,000	64,000	80,000	4,000	4,000

You are required to prepare a primary distribution summary.