## [GROUP - II]

## COST AND MANAGEMENT ACCOUNTING

## BASIC ASPECTS OF COST ACCOUNTING

## Objectives -Type Questions :

Q1. State whether the following statements are True (T) or False (F) :
The relationship of value, function and cost can be expressed as Cost = Value/Function. [Ref: Q1. (b)(iv),June'07 / Paper-8] 1

## Descriptive \& Practical Questions :

Q1. State the distinguishing features of standard cost.
[Ref: Q5. (a), Dec '07 / Paper-8]

## MATERIALS

## Objectives -Type Questions :

Q1. State whether the following statements are True (T) or False (F) :
ABC analysis is made on the basis of unit prices of materials.
[Ref: Q1. (b)(iii), June'09 / Paper-8] 1
Q2. Choose the correct answer from the brackets :
The annual demand of a certain component bought from the market is 1,000 units. The cost of placing an order is Rs. 60 and the carrying cost per unit is Rs. 3 p.a. The Economic Order Quantity for the item is $\qquad$ $(200,400,600)$
[Ref: Q1. (c)(i), June'09 / Paper-8]

Q3. Choose the correct answer from the brackets :
In a company there were 1200 employees on the rolls at the beginning of a year and 1180 at the end, during the year 120 persons left and 96 replacements were made, the rate of labour turnover according to flux method is $\qquad$ . (5.04, 4.03, 9.08)

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\text { [Ref: Q1. (c)(iv), June’09 / Paper-8] } 1
$$

## Descriptive \& Practical Questions :

Q1. Write short note on JIT.

## LABOUR

## Objective -Type Questions :

Q1. State whether the following statements are True (T) or False (F) :
Time and motion study which is a function of the engineering department is useless for determination of wages.
[Ref: Q1. (c)(ii), Dec. '08 / Paper-8] 1
Q2. Choose the correct answer from the brackets :
In a company there were 1200 employees on the rolls at the beginning of a year and 1180 at the end. During the year 120 persons left service and 96 replacements were made. The labour turnover according to flux method is $\qquad$ $\%$. (5.04, 4.03, 9.08)

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\text { [Ref: Q1. (e)(i), Dec.'08 / Paper-8] } 1
$$

Q3. State whether the following statements are True (T) or False (F) :
Time and motion study which is a function of the engineering department is useles for determination of wages.
[Ref: Q1. (b)(ii), June'09 / Paper-8] 1
Q4. Choose the correct answer from the brackets :
In a company there were 1200 employees on the rolls at the beginning of a year and 1180 at the end, during the year 120 persons left and 96 replacements were made, the rate of labour turnover according to flux method is $\qquad$ . (5.04, 4.03, 9.08)

$$
\text { [Ref: Q1. (c)(iv), June'09 / Paper-8] } 1
$$

Q5. In the following cases, choose the correct answer :
A worker has time rate of Rs. 15/hr. He makes 720 units of a component (standard time : 5 minutes/ unit in a week of 48 hours). His total wages including Rowan bonus for the week is

- .

A: Rs. 792;
B : Rs. 820;
C: Rs. 840;
D : Rs. 864.
[Ref: Q1. (e)(v), June’09 / Paper-8]

## Descriptive \& Practical Questions :

Q1. What is idle time? Explain the causes for idle time.
[Ref: Q2. (a), Dec'08 / Paper-8]
Q2. A worker is allowed 60 hours to complete a job on a guaranteed wage of Rs. 10 per hour. He completes the job in 48 hours. For the saving in time, how much he will get under Halsey Premium Plan (@ 50\% Bonus)?
[Ref:Q2. (b), Dec'08 / Paper-8] 5

Q3. Discuss the essentials of a good incentive scheme.
[Ref: Q2. (a), June '09 / Paper-8] 5
Q4. The standard hours for job X is 100 hours. The job has been completed by Amar in 60 hours, Akbar in 70 hours and Anthony in 95 hours. The bonus system applicable to the job is as follows:

| Percentage of time saved to time allowed | Bonus |
| :--- | :---: |
| Saving up to $10 \%$ | $10 \%$ of time saved |
| From $11 \%$ to $20 \%$ | $15 \%$ of time saved |
| From $21 \%$ to $40 \%$ | $20 \%$ of time saved |
| From $41 \%$ to $100 \%$ | $25 \%$ of time saved |

The rate of pay is Rs. 10 per hour. Calculate the total earnings of each worker and also the rate of earnings per hour.
[Ref: Q2. (b), June'09 / Paper-8] 5

## DIRECT EXPENSES

## Objective -Type Questions :

Q1. If an expenses can be identified with a specific cost unit, it is treated as direct expenses.

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\text { [Ref: Q1. (c)(i), Dec. '08 / Paper-8] } 1
$$

Q2. If an expenses can be identified with a specific cost unit, it is treated as direct expenses.
[Ref: Q1. (b)(i), June'09 / Paper-8] 1
Q3. The monthly cost of maintenance of machinery for 12,000 machine hours run is Rs. 1,70,000 and for 18,500 hours it is Rs. $2,02,500$. The cost of maintenance for 14,000 hours is Rs. $\qquad$ (1,90,000, 1,80,000, 1,85,000)
[Ref: Q1. (c)(ii), June'09 / Paper-8] 1

## INDIRECT EXPENSES

## Objective -Type Questions :

Q1. Fill in the blanks :
The term used to charge overheads to cost units is called $\qquad$ _.
[Ref: Q1. (b)(i), Dec. '08 / Paper-8]

## Descriptive \& Practical Questions :

Q1. A company makes components for television sets using two service departments and two production departments. The inter-departmental relationship and overhead costs are given below :

|  | Percentage of service provided to |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Maintenance | Scheduling | Moulding | Assembly |
| From: |  |  |  |  |
| Maintenance | - | $10 \%$ | $40 \%$ | $50 \%$ |
| Scheduling | $20 \%$ | - | $50 \%$ | $30 \%$ |
| Total overhead cost (Rs.) | $7,50,000$ | $4,00,000$ | $3,78,000$ | $2,76,00$ |

You are required to show the amount of Scheduling Department costs and Maintenance Department costs to be allocated to the Production Department, using Simultaneous Equation Method. [Ref: Q2. (c), Dec'08 / Paper-8] 5

Q2. A company has three production departments, $\mathrm{A}, \mathrm{B}$ and C and two service departments, P and Q. The following figures are available from the primary distribution summary.

| Department | Dept. A | Dept. B | Dept. C | Dept. P | Dept. Q |
| :--- | :---: | :---: | :---: | :---: | :---: |
| From primary distribution (Rs.) | 3,150 | 3,700 | 1,400 | 2,250 | 1,000 |

The expenses of the services departments are to be apportioned on a percentage basis as follows :

| Department | Dept. A | Dept. B | Dept. C | Dept. P | Dept. Q |
| :--- | :---: | :---: | :---: | :---: | :---: |
| $\mathrm{P}(\%)$ | 40 | 30 | 20 | - | 10 |
| $\mathrm{Q}(\%)$ | 30 | 30 | 20 | 20 | - |

Prepare secondary summary as per the simultaneous equations method.

## JOB, BATCH, CONTRACT AND PROCESS COSTING

## Objective -Type Questions :

Q1. Choose the correct answer from the brackets :
The output of three different products P, Q and R in a factory are $20000 \mathrm{Kg}, 15000 \mathrm{Kg}$. and 15000 Kg . respectively. If the costs are in proportion $4: 6: 7$, then the cost per equivalent product unit is Rs. $\qquad$ . $(10,7,5)$ [Ref: Q1. (c)(v), June'09 / Paper-8] 1

Q2. Identify the correct answer from the given alternatives of the following questions :
(i) "Conversion cost" refers to
A. Manufacturing costs incurred to produce units of output
B. All costs associated with manufacturing other than direct labour costs
C. The sum of direct material costs and all factory overhead costs
D. The sum of raw material costs and overheads costs
[Ref: Q1. (d)(ii), Dec’08 / Paper-8]

Q3. Choose the correct answer from the brackets :
The output of three different products P, Q and R in a factory are $20000 \mathrm{~kg}, 15000 \mathrm{~kg}$ and 15000 kg respectively. If costs are in proportion $4: 6: 7$, then the cost per equivalent unit is Rs. $\qquad$ . $(10,7,5)$
[Ref: Q1. (e)(v), Dec'08 / Paper-8] 1

## Descriptive \& Practical Questions :

Q1. The following was the expenditure on a contract for Rs. 12,00,000 commenced in January 2008 :

|  | Rs. |
| :--- | ---: |
| Materials | $2,40,000$ |
| Wages | $3,28,000$ |
| Plant | 40,000 |
| Overheads | 17,200 |

Cash received on account of the contract up to 31st December was Rs. 4,80,000 being $80 \%$ of the work certified. The value of materials in hand was Rs. 20,000. The plant had undergone $20 \%$ depreciation.
Prepare contract account.
[Ref: Q3. (a), Dec'08 / Paper-8] 5

Q2. A factory has two production processes. Normal loss in each process is $10 \%$ and scrapped units sell for Re. 0.50 each from process 1 and Rs. 3 each from process 2 . Relevant information for costing purposes relating to period 5 are as follows :

| Direct materials added : | Process 1 | Process 2 |
| :---: | :---: | :---: |
| Units | 2,000 | 1,250 |
| Cost | Rs. 8,100 | Rs. 1,900 |
| Direct labour | Rs. 4,000 | Rs. 10,000 |
| Production overhead | $150 \%$ of direct <br> labour cost | $120 \%$ of direct <br> labour cost |
| Output to Process 2/ finished goods | 1,750 units | 2,800 units |
| Actual production overhead |  |  |

Workout cost per unit of output and losses.

$$
\text { [Ref: Q3. (b), Dec’08 / Paper-8] } 1
$$

Q3. State the fundamental principles of Process Costing. [Ref: Q3. (a), June'09 / Paper-8] 5
Q4. Prabhu Builders Ltd. commenced work on 1st April, 2007 on a contract of which the agreed price was Rs. 5 lakhs. The following expenditure was incurred during the year up to 31st March, 2008.

| Particulars | Amount Rs. |
| :--- | ---: |
| Wages | $1,40,000$ |
| Plant | 35,000 |
| Materials | $1,05,000$ |
| Head office expenses | 12,500 |

Materials costing Rs. 10,000 proved unsuitable and were sold for Rs. 11,500 and a part of plant was scrapped and sold for Rs. 1,700. Of the contract price Rs. 2,40,000 representing $80 \%$ of work certified had been received by 31st March, 2008 and on that date the value of the plant on the job was Rs. 8,000 and the value of materials was Rs. 3,000. The cost of work done but not certified was Rs. 25,000.
It was decided to (a) Estimate what further expenditure would be incurred in completing the contract, (b) Compute from the estimate and the expenditure already incurred, the total profit that would be made on the contract and (c) Ascertain the amount of profit to be taken to the credit of Profit and Loss Account for the year ending on 31st March, 2008. While taking profit to the credit of Profit and Loss A/c. that portion of the total profit should be taken which the
value of work certified bears to the contract price. Details of the estimates to complete the contact are given below :
(a) That the contract would be completed by 30th September, 2008.
(b) The wages to complete would amount Rs. 84,750.
(c) That materials in addition to those in stock on 31st March, 2008 would cost Rs. 50,000.
(d) The further Rs. 15,000 would have to be spent on plant and the residual value of the plant on 30th September, 2008 would be Rs. 6,000.
(e) The head office expenses to the contract would be at the same annual rate as in 2007-08.
(f) That claims, temporary maintenance and contigencies would require Rs. 9,000.

Prepare contract account for the year ended 31st March, 2008 and show your calculations of the sum to be credited to Profit and Loss A/c. for the year.
[Ref: Q3. (b), June'09 / Paper-8] 10

## JOINT PRODUCT \& BY PRODUCT

## Descriptive \& Practical Questions :

Q1. Concept of split-off point and joint cost.

## RECONCILIATION BETWEEN COST AND FINANCIAL PROFIT AND LOSS ACCOUNT

## Descriptive \& Practical Questions :

Q1. As of 31st March, 2008, the following balances existed in a firm's cost ledger, which is maintaind separately on a double entry basis :

|  | Debit <br> Rs. | Credit <br> Rs. |
| :--- | :---: | ---: |
| Stores Ledger Control A/c | $3,00,000$ | - |
| Work-in-progress Control A/c | $1,50,000$ | - |
| Finished Goods Control A/c | $2,50,000$ | - |
| Manufacturing Overhead Control A/c | - | 15,000 |
| Cost Ledger Control A/c | - | $6,85,000$ |
| $\quad$ Total | $7,00,000$ | $7,00,000$ |

During the next quarter, the following items arose :

| Finished Product (at cost) | $2,25,000$ |
| :--- | ---: |
| Manufacturing overhead incurred | 85,000 |
| Raw material purchased | $1,25,000$ |
| Factory wages | 40,000 |
| Indirect labour | 20,000 |
| Cost of sales | $1,75,000$ |
| Materials issued to production | $1,35,000$ |
| Sales returned (at cost) | 9,000 |
| Materials returned to suppliers | 13,000 |
| Manufacturing overhead charged to production | 85,000 |

You are required to prepare the Cost Ledger Control A/c., Stores Ledger Control A/c., Work-in progress Control A/c., Finished Stock Ledger Control A/c., Manufacturing Overhead Control A/c., Wages Control A/c., Cost of Sales A/c and the Trial Balance at the end of the quarter.

$$
\text { [Ref: Q7. (a), June’09 / Paper-8] } 10
$$

Q2. Explain the need for reconciliation of cost and financial accounts. Also state the reasons for difference in profit between the two accounts.
[Ref: Q7. (b), June'09 / Paper-8] 5
Q3. Write short note on Profit Centre.
[Ref: Q8. (c), June’09 / Paper-8]
3

## DECISION MAKING TOOLS

## Objective -Type Questions :

Q1. Fill in the blanks :
(i) Sales minus Break-even sales is called $\qquad$ .
(ii) In absorption costing $\qquad$ cost is added to inventory.
(iii) In Television industry the most appropriate method of costing is $\qquad$ costing.
[Ref: Q1. (b), Dec. '08 / Paper-8] $1 \times 3$

Q2. State whether the following statements are True (T) or False (F) :
(i) Fixed costs vary with volume rather than time.
(ii) In break-even analysis it is assumed that variable fosts fluctuate inversely with time.

$$
\text { [Ref: Q1. (b), Dec }{ }^{\prime} 08 / \text { Paper-8] } 1 \times 2
$$

Q3. Identify the correct answer from the given alternatives of the following questions :
(i) Which of the following concept is known as cost behaviour-oriented approach to product costing?
A. Standard costing
B. Marginal costing
C. Process costing
D. Absorption costing
(ii) Which of the following is true at break-even point?
A. Total Sales revenue $=$ Variable cost
B. Profi $=$ Fixed cost
C. Sales revenue $=$ Total cost - Variable cost
D. Contribution $=$ Fixed cost
(iii) Which of the following is the correct valuation base for finished goods stock for balance sheet purposes?
A. Variable cost per unit
B. Marginal cost per unit
C. Production cost per unit
D. Total cost per unit
(iv) If the raw material prices are affected by inflation, which of the following methods of valuing stocks will give the lowest gross profit?
A. LIFO
B. Replacement cost
C. FIFO
D. Simple average

Q4. Choose the correct answer from the brackets :
The variable cost of a product increases by $10 \%$ and the management raise the unit selling price by equal amount. The fixed costs remain unchanged. Then BEP of the firm $\qquad$ [increase, decrease, unchanged] [Ref: Q1. (e), Dec'08 / Paper-8] 1

Q5. Choose the correct answer from the brackets :
A company's fixed cost amounts Rs. 120 lakhs p.a. and its overall $\mathrm{P} / \mathrm{V}$ ratio is 0.4 . The annual sales of the company should be Rs. $\qquad$ lakhs to have a Margin of Safety of $25 \%$. (400, 500, 600) [Ref: Q1. (c)(iii), June'09 / Paper-8] 1

Q6. Fill in the blanks suitably :
(i) Margin of safety is $\qquad$ or $\qquad$ .
(ii) Profit volume graph shows the relationship between $\qquad$ and $\qquad$ .
[Ref: Q1. (d), June'09 / Paper-8] $1 \times 2$
Q7. In the following cases, choose the correct answer :
A Company maintains a margin of safety of $25 \%$ on its current sales and earns a profit of Rs. 30 lakhs per annum. If the company has a profit volume ( $\mathrm{P} / \mathrm{V}$ ) ratio of $40 \%$, its current sales amount to
A : Rs. 200 lakhs;
B : Rs. 300 lakhs;
C: Rs. 325 lakhs;
D : None of the above.
[Ref: Q1. (e)(ii), June'09 / Paper-8]

## Descriptive \& Practical Questions :

Q1. Distinguish between Marginal Costing and Absorption Costing.
[Ref: Q7. (a), Dec’08 / Paper-8]

Q2. A company produces 30,000 units of product A and 20,000 units of product $B$ per annum. The sales value and costs of the two products are as follows :
Sales Value: Rs. 7,60,000 Factory Overheads: Rs. 1,90,000
Direct Material : Rs. 1,40,000 Administrative and Selling Overheads: Rs. 1,20,000
Direct Labour : Rs. 1,90,000
$50 \%$ of the factory overheads are variable and $50 \%$ of the administrative and selling overheads are fixed. The selling price of A is Rs. 12 per unit and Rs. 20 per unit for B.
The direct material and labour ratio for product $A$ is $2: 3$ and for $B$ is $4: 5$. For both the products, the selling price is $400 \%$ of direct labour. The factory overheads are charged in the ratio of direct labour and administrative and selling overheads are recovered at a flat rate of Rs. 2 per unit for $A$ and Rs. 3 per unit for $B$.

Due to fall in demand of the above products, the company has a plan to diversify and make product C using $40 \%$ capacity. It has been estimated that for $C$ direct material and direct labour will be Rs. 2.50 and Rs. 3 per unit respectively. Other variable costs will be the same as applicable to the product A. The selling price of product C is Rs. 14 per unit and production will be 30,000 units.

Assuming 60\% capacity is used for manufacture of A and B, calculate-
(i) Present cost and profit;
(ii) Cost and profit after diversification;
(iii) Give your recommendations as to whether to diversify or not.
[Ref: Q7. (b), Dec'08 / Paper-8] 10
Q3. Write short note on Benchmarking.
[Ref: Q8. (c), Dec '08 / Paper-8] 3
Q4. New India Engineering Co. Ltd., produces three components A, B and C. The following particulars are provided :

## PRODUCT

Per Unit
Direct Material
Direct Labour
Variable overhead expenditure

| A <br> Rs. | B <br> Rs. | C <br> Rs. |
| :---: | :---: | :---: |
| 60 | 55 | 50 |
| 20 | 18 | 15 |
| 15 | 14 | 12 |
| 13 | 13 | 17 |
| 2000 | 2000 | 2000 |

Due to break-down of one of the machines, the capacity is limited to 12,000 machine hours only and this is not sufficient to meet the total sales demand.

You are required to work out
(a) what will be most profitable product mix that should be produced, and
(b) the total contribution from the revised product mix.
[Ref: Q4. (a), June'09 / Paper-8] 5+5
Q5. What are the factors those are taken into account by the Management while considering a Make or Buy decision?
[Ref: Q4. (b), June'09 / Paper-8] 5
Q6. Write short note on Cost Volume Profit Analysis.
[Ref: Q8. (a), June'09 / Paper-8] 3
Q7. Write short note on Essentials of Inter firm comparison. [Ref: Q8. (d), June'09 / Paper-8] 3

## OPERATING COSTING

## Descriptive \& Practical Questions :

Q1. A hotel has a capacity of 100 single rooms and 20 double rooms. The average occupancy of both single and double rooms is expected to be $80 \%$ throughout the year of 365 days. The rent for the double rooms has been fixed at $125 \%$ of the rent of the single room. The costs are as under :

Variable costs : Single room Rs. 220 each per day; Double room Rs. 350 each per day.
Fixed costs : Rs. 49,64,000
Calculate the rent chargeable for single and double rooms per day in such a way that the hotel earns a margin of safety of $20 \%$ on hire of room.
[Ref: Q4. (b), Dec'08 / Paper-8] 10

Q2. Define 'Operating Costing' and mention at least five activities where it is applicable.
[Ref: Q6. (b), June'09 / Paper-8] 5

## RELEVANT COSTING

## Objective -Type Questions :

Q1. State whether the following statements are True (T) or False (F) :
Future costs are not relevant while making managerial decisions.
[Ref: Q1. (c)(iv), Dec’08 / Paper-8]

## BUDGETING

## Objective -Type Questions :

Q1. Fill in the blanks suitably :
A flexible budget recognizes the behaviour of $\qquad$ and $\qquad$ .
[Ref: Q1. (d)(iii), June'09 / Paper-8] 1

## Descriptive \& Practical Questions :

Q1. The following are the estimated sales of a company for eight months ending 30. 11.2007
Month Estimated Sales (Units)
April 2007
May 2007
June 2007
July 2007
August 2007
September 2007
October 2007
November 2007

As a matter of policy, the company maintains the closing balance of finished goods and raw materials as follows :

Stock item
Finished goods
Raw materials

Closing balance of a month $50 \%$ of the estimated sales for the next month Estimated consumption for the next month

Every unit of production requires 2 kg of raw material costing Rs. 5 per kg. Prepare Prodcution Budget (in units) and Raw Material Purchase Budget (in units and cost) of the company for the half year ending 30 September 2007. [Ref: Q6. (a), Dec '08 / Paper-8] 10

## Q2. Write short note on Flexible Budgeting.

[Ref: Q8. (e), Dec'08 / Paper-8] 3
Q3. The following information relates to the production activities of Good Wish Ltd. for 3 months ending on 31st December, 2006 :

| Particulars | Amount in Rupees |
| :--- | :---: |
| Fixed Expenses : |  |
| Management Salaries | $2,10,000$ |
| Rent and Taxes | $1,40,000$ |
| Depreciation of Machinery | $1,75,000$ |
| Sundry Office Expenses | $2,22,000$ |
| Total Fixed Expenses | $7,47,000$ |
| Semi-Variable Expenses at 50\% capacity |  |
| Plant Maintenance | 62,500 |
| Labour | $2,47,000$ |
| Salesmen's salaries | 72,500 |
| Sundry Expenses | 65,000 |
| Total Semi-Variable Expenses | $4,47,000$ |
| Variable Expenses at 50\% capacity | $6,00,000$ |
| Materials | $6,40,000$ |
| Labour | 95,000 |
| Salesmen's commission | $13,35,000$ |
| Total Variable Expenses |  |

It is further noted that semi-variable expenses remain constant between $40 \%$ and $70 \%$ capacity, increase by $10 \%$ of the above figures between $70 \%$ and $85 \%$ capacity and increase by $15 \%$ of the above fig. between $85 \%$ and $100 \%$ capacity. Fixed expenses remain constant whatever the level of activity. Sales at $60 \%$ capacity are Rs. $25,50,000$, at $80 \%$ capacity Rs. $34,00,000$ and at $100 \%$ capacity Rs. 42,50,000. All items produced are sold. Prepare a flexible budget at $60 \%, 80 \%$ and 100\% productive capacity.
[Ref: Q6. (a), June’09 / Paper-8] 10

## STANDARD COSTING

## Objective -Type Questions :

Q1. Fill in the blanks :
Material usage variance is the sum of $\qquad$ .
[Ref: Q1. (b)(iii), Dec '08 / Paper-8]
Q2. Choose the correct answer from the brackets :
The factory where standard costing is followed, 4600 kg of materials at Rs. $10.50 / \mathrm{kg}$ were actually consumed resulting in a price variance of Rs. 4800 (A) and usage variance of Rs. 4000 (F). The standard cost of actual production is Rs. $\qquad$ . [100000, 96000, 120000]
[Ref: Q1. (e)(iii), Dec ${ }^{\prime} 08 /$ Paper-8] 1
Q3. If the capacity usage ratio of a prodcution department is $90 \%$ and acitivity ratio is $99 \%$, then the efficiency ratio of the department is $\qquad$ $\%$. [120, 110, 90]
[Ref: Q1. (e), Dec'08 / Paper-8] 1
Q4. Standard hour is the standard time required per unit of production.

> [Ref: Q1. (b)(v), June’09 / Paper-8]

Q5. Fill in the blanks suitably :
(i) Material usage variance is the sum of $\qquad$ and $\qquad$ .
(ii) Efficiency is basically a ratio of $\qquad$ and $\qquad$ .
[Ref: Q1. (d)(ii)(v),June'09 / Paper-8] 1+1
Q6. In the following cases, choose the correct answer :
In a factory of PEE Ltd. where standard costing is followed, the budgeted fixed overhead for a budgeted production of 4800 units is Rs. 24,000 . For a certain period actual expenditure incurred was Rs. 22,000 resulting in a fixed overhead volume variance of Rs. 3,000 (Adv.). Then actual production for the period was
A : 5400 units;
B : 4200 units;
C : 3000 units;
D : None of the above.
[Ref: Q1. (e)(iii), June'09 / Paper-8]

## Descriptive \& Practical Questions :

Q1. State the distinguishing features of standard cost.

Q2. The following information was obtained from the records of a manufacturing unit using standard costing system :

| Particulars | Standards | Actual |
| :--- | :--- | :--- |
| Production | 4000 units | 3800 units |
| Working days | 20 | 21 |
| Fixed overheads | Rs. 40,000 | Rs. 39,000 |
| Variable overheads | Rs. 12,000 | Rs. 12,000 |

Calculate :
(a) Variable overhead variance;
(b) Fixed overhead expenditure variance;
(c) Fixed overhead volume variance;
(d) Fixed overhead efficiency variance;
(e) Fixed overhead calandar variance.
[Ref: Q5. (b), Dec'08 / Paper-8] 10
Q3. The standard process cost card for a processed item is as under :

> Rs. Per kg of

Finished Product
Direct Material - 2 kgs @ Rs. 10 per kg 20
Direct Labour - 3 hours @ Rs. 20 per hour 60
Fixed Overhead 90
Total
$\overline{170}$
Budgeted output for the period is 1000 kgs .
Actual production and cost data for a month are as under :
Actual production (on equivalent production basis)

| Material $=$ | 1400 kgs |
| :--- | :--- |
| Labour $=$ | 1140 kgs |
| Overheads $=$ | 1140 kgs |


| Direct Material | 2900 kgs | $=$ cost | Rs. | 32,000 |
| :--- | :--- | :--- | :--- | :--- |
| Direct Labour | 3300 kgs | $=\operatorname{cost}$ | Rs. | 68,000 |
| Fixed Overhead | 3300 kgs |  | Rs. | 88,000 |

You are required to work out the following variances :
[Ref: Q5. (a), June'09 / Paper-8] 10
Q4. Distinguish between Standard Costing and Budgetary Control.
[Ref: Q5. (b), June'09 / Paper-8] 5

