

Total No. of Questions : 5]

SEAT No. :

P1203

[4767] - 1001

[Total No. of Pages :1

B.B.A.

BUSINESS ORGANISATION AND SYSTEMS

(Semester-I) (New 2013 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) What is Industrial revolution? Explain the effect of Industrial Revolution. **[15]**

OR

Define the term business? Explain the objectives of business in details.

Q2) Define project report? Explain its need & consideration while preparing a project report. **[15]**

OR

What is public sector? State the merits and demerits of public sector.

Q3) State and explain various decisions in setting up of an enterprise. **[15]**

OR

Explain sole proprietorship with its merits and demerits.

Q4) Explain partnership with its merits and demerits. **[15]**

OR

Define social audit. State and explain its importance and scope.

Q5) Write short notes on: (any four): **[20]**

- a) E-commerce.
- b) Malls and super market.
- c) Social responsibility.
- d) Import and export trade.
- e) Joint sector
- f) Communication.
- g) Domestic trade.

Total No. of Questions : 5]

SEAT No. :

P1204

[4767] - 1002

[Total No. of Pages :1

B.B.A

102: BUSINESS COMMUNICATION SKILLS

(Semester-I) (2013 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Explain communication and state types of communication found in business organization. **[15]**

OR

What is communication? Discuss the process of communication in detail.

Q2) Write advantages and disadvantages of oral communication? State the difference between oral and written communication. **[15]**

OR

Explain various methods of communication in detail. Also discuss advantages of each method.

Q3) How will you prepare yourself for public speech? How is it different from a presentation? **[15]**

OR

What do you mean by the term Interview? State types of interviews in brief.

Q4) "Business letters are silent ambassadors of an organization". Explain essentials and types of business letters. **[15]**

OR

Write a job application for the post of Assistant Manager to Personnel Manager, Reliance Industries Limited, Turbhe, New Mumbai-400024. The advertisement was given in "The Hindustan Times" on 8th september 2014.

Q5) Write short notes on: (any four): **[20]**

- | | |
|--------------------------------|---------------|
| a) Sign language. | b) Telegram. |
| c) Advantages of Social media. | d) Grapevine. |
| e) Proximity. | f) Silence. |

Total No. of Questions : 5]

SEAT No. :

P1205

[4767] - 1003

[Total No. of Pages :5

B.B.A.

**BUSINESS ACCOUNTING
(Semester-I) (New 2013 Pattern)**

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Use of calculator is allowed.*

Q1) A) State with reason whether the following statements are true or false (any six). **[6]**

- a) According to entity concept, the owner of a firm and the business is the same.
- b) AS-2 is related to valuation of inventories.
- c) Real Account has always debit balance.
- d) Under written Down value method of depreciation, value of depreciation remains constant for each year.
- e) Closing stock is always valued at cost price.
- f) Trade discount is an incentive for prompt payment.
- g) Balance sheet is a statement.

B) Fill in the blanks (Any Six): **[6]**

- a) With the help of the dual aspect concept _____ system of book keeping is created.
- b) Cash deposited into bank is a _____ entry.
- c) AS-1 refers to disclosure of _____ policies.
- d) Credit sales are recorded in _____ book.
- e) Goodwill is _____ asset.
- f) Commission received is a _____ account.
- g) The Trial balance shows only _____ accuracy.

P.T.O

Q2) Write short notes (Any Three):

[12]

- a) AS-6
- b) Accounting software packages.
- c) Money Measurement concept.
- d) Methods of depreciation.
- e) Debit note and credit note.

Q3) From the following particulars extracted from the books of Mr. Bhupati, Prepare a trading & profit & loss Account and a balance sheet as on 31st december 2013 after making necessary adjustments: **[20]**

Dr.		Trial Balance as on 31/12/2013		Cr.	
Particulars	Rs.	Particulars	Rs.		
Purchases	76,400	Capital	1,61,000		
Cash in hand	45,600	Interest on Bank			
Furniture	16,000	Deposits	2,200		
Opening stock	11,900	Bills payable	15,800		
Plant & Machinery	60,800	Sales	1,32,700		
Return Inwards	1,400	Return outwards	2,800		
Wages	7,600	Commission			
Carriage Inwards	4,500	Received	1,900		
Advertisement	8,000	Sundry creditors	38,000		
Cash at bank	17,400				
Debtors	43,000				
Drawings	4,000				
General expenses	3,200				
Investments	35,000				
Insurance	3,400				
Printing & stationery	1,200				
Travelling expenses	2,700				
Baddebts	1,600				
Salaries	10,700				
	3,54,400				3,54,400

Adjustments:

- a) Sundry creditors include Rs.4,000 taken as loan from Mr. K. Khurana on 1st August, 2013 bearing an interest @ 12% p.a.
- b) Salary includes an advance of Rs. 700 paid to an employee against salary of January 2014.
- c) Sundry creditors included a sum of Rs. 1,500 recovered from a customer whose account was written off in the previous year.
- d) Travelling includes the proprietor's personal travelling for which he is to be charged Rs. 750.
- e) Closing stock was valued at Rs. 21,200.
- f) Depreciation to be provided @10% on machinery and 5% on furniture.
- g) Advertisement includes Rs. 4,000 towards the cost of campaign run during the year. It is expected that the effect of this campaign will be felt for at least 4 years.

Q4) Journalise the following transactions in the books of Mr. Shrivastav for the month of January 2014. **[18]**

Date	Particulars
1	Mr. Shrivastav started business with cash Rs. 65,000.
2	Opened a bank account with cash Rs. 34,000
3	Goods purchased from m/s D. Bros. for Rs. 12,600 and paid carriage on it Rs. 800
4	Paid shop Rent Rs. 1,800.
7	Paid for advertisement by cheque Rs. 2,100
9	Sold goods for cash Rs. 4,600.
10	Sold goods to Mr.H.Suman for Rs.9,800 and paid carriage on it Rs.540.

12	Issued a cheque of Rs. 5,600 in favour of m/r D. Bros.
12	Trade subscription paid by cheque Rs. 750
13	Received interest from bank Rs.210.
16	Purchased furniture from durgapur timber suppliers for Rs.7,500.
18	Purchased computer from m/s soft Tech in cash Rs. 9,000.
20	Paid cash Rs. 6,500 to m/s D. Bros in full settlement of their account and received discount of Rs. 500.
22	Goods returned by H. Suman amounting to Rs. 760 and received cash from him Rs.3,600.
27	Cash withdrawn from bank for office use Rs.5,000.
30	Cash withdrawn from bank for personal use Rs.1,500

OR

From the following transactions prepare a double column cash book (cash book with bank column) of Mr. Arora for the month of June 2014. [18]

Date	Particulars
1	Cash in hand Rs. 18, 250 and Bank overdraft Rs. 12,800.
3	Paid salary to staff Rs. 2,900
7	Paid for advertisement Rs.1,600
8	Received crossed cheque of Rs.2,600 and a bearer cheque of Rs.1,400 from Mr. Roy.
10	Received interest on fixed deposits from bank Rs. 900.
13	Sold goods for cash Rs. 5, 600.
14	Sold old furniture for Rs.900.
19	Endorsed Mr. Roy's cheque of Rs.1,400 to shailesh.
20	Received cheque for Rs.1,900 from GT&Co.
21	Received a cheque for Rs.2,780 from Mr. mukesh.
23	Endorsed GT&Co's cheque of Rs.1,900 to Mr. Lal.
26	Cash withdrawn from bank for office use Rs. 2,400.
30	Dividend collected by bank Rs. 3,600.

Q5) Preeti purchased a machine on 1st July 2010 for Rs.30,000 on 1st August 2011 another machine was purchased for Rs.15,000. On 1st Sept. 2012, Machine purchased on 1st July 2010 was sold for Rs. 26,000. On 1st January 2013, machine purchased on 1st August 2011 was sold for Rs.5000.

Depreciation has been charged by using reducing Balance method @ 10% p.a. She was closing her account on 30th June of each year. **[18]**

You are required to prepare machine A/c and depreciation A/c in the books of preeti for the years 2010-11, 2011-12 and 2012-13.

OR

Prepare bank reconciliation statement for Mr. Pande on 31st July 2014 and find out the bank balance as per pass book. **[18]**

- a) Bank balance as per cash book on 31st July 2014 Rs. 15,000.
- b) A cheque issued to creditor for Rs. 200 was not presented for payment.
- c) Debenture interest collected by bank Rs.70 Credited by bank but not recorded in cash book.
- d) Bank debited Rs. 20 for bank charges.
- e) Cheque deposited into bank Rs. 500 but not cleared.
- f) Cheques drawn on 21st July not cleared till August 2014 for Rs. 1,500 and Rs. 2,150.
- g) A periodic payment of Rs. 1,500 debited by bank as per standing instructions not entered in cash book.
- h) A cheque of Rs. 3,550 deposited into bank was dishonoured and not entered in cash book.

□□□□

Total No. of Questions : 5]

SEAT No. :

P1206

[4767] - 1004

[Total No. of Pages :1

B.B.A

BUSINESS ECONOMICS (Micro)

(Semester-I) (2013 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Explain basic economic problems of economy. **[15]**

OR

Explain the difference between micro and macro economics

Q2) State and explain the determinants of demand. **[15]**

OR

Explain cross & income elasticity of demand.

Q3) State and explain relation between total revenue average revenue and marginal revenue. **[15]**

OR

Explain feature of monopolistic competition.

Q4) State and explain marginal productivity theory of wages. **[15]**

OR

Explain liquidity preference theory of Interest.

Q5) Write short notes on: (any four): **[20]**

- a) Dynamic theory of profit.
- b) Factors affecting supply.
- c) Characteristics of Duopoly.
- d) Fixed cost.
- e) Variable cost.
- f) Nature of business economics.

Total No. of Questions : 5]

SEAT No. :

P1207

[4767] - 1005

[Total No. of Pages :5

F.Y.B.B.A.

BUSINESS MATHEMATICS

(Semester-I) (2013 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Attempt any four of the following:

[4×4=16]

- a) Define the following terms:
 - i) Face value
 - ii) Shareholder
- b) Find the number of different 4- letter words that can be formed from the letters of the word “NUMBER”?
- c) Define the following matrices with an example.
 - i) Column matrix
 - ii) Square matrix
- d) With the help of following matrices show that
 $A(B+C)=AB+AC$

$$A = \begin{bmatrix} 8 & 1 \\ 0 & 6 \end{bmatrix}, \quad B = \begin{bmatrix} 2 & 4 \\ 3 & 1 \end{bmatrix}, \quad C = \begin{bmatrix} 1 & 5 \\ 3 & 1 \end{bmatrix}.$$

- e) A company produces two types of hats. Each hat of the first type requires twice as much labor time as the second type. If all hats are of the second type only, the company can produce a total of 500 hats a day. The market limits daily sales of the first and second type to 150 & 250 hats. Assuming that the profits per hat are ₹ 8 for type A and ₹5 for type B, Formulate the problem as a linear programming model in order to determine the number of hats to be produced of each type so as to maximize the profit.

P.T.O.

- f) Solve the following transportation problem using North-West corner method.

		Warehouse			
Factories		W ₁	W ₂	W ₃	Supply
	↓				
F ₁		2	7	4	5
F ₂		3	3	1	8
F ₃		5	4	7	7
F ₄		1	6	2	14
Demand		7	9	18	34

Q2) Attempt any four of the following: [4×4=16]

- a) Mr. Prabhu invested ₹75,375/- to purchase equity shares of a company at market price of ₹250/- through a brokerage firm, charging 0.5% brokerage. The face value of a share is ₹10-. How many shares did Mr. prabhu purchased?
- b) A committee of 10 members is to be chosen from 9 teachers and 6 students in how many ways this can be done if:
The committee contains exactly 4 students.

c) If $A = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$, $B = \begin{bmatrix} 2 & 0 \\ 1 & 1 \end{bmatrix}$, $C = \begin{bmatrix} -1 & 2 \\ 3 & 1 \end{bmatrix}$

then show that $(AB)C = A(BC)$.

- d) Find the determinant of the following matrix.

$$A = \begin{bmatrix} 1 & 6 & -1 \\ 2 & -3 & 3 \\ 3 & 3 & 2 \end{bmatrix}.$$

- e) Using graphical method solve the following LPP.

Maximize $Z = 3x_1 + 2x_2$

Subject to restrictions

$$2x_1 + x_2 \leq 40$$

$$2x_1 + 3x_2 \leq 60$$

and

$$x_1, x_2 \geq 0$$

- f) Solve the following transportation problem using matrix minima method.

To → From ↓	D ₁	D ₂	D ₃	D ₄	D ₅	Supply
F1	20	28	32	55	70	50
F2	48	36	40	44	25	100
F3	35	55	22	45	48	150
Demand	100	70	50	40	40	300

Q3) Attempt any four of the following . **[4×4=16]**

- a) Mr. Joshi purchased 30 shares of ₹10 each of medi computers Ltd., on 20th January 2014 at ₹ 36 per share. On 3rd April 2014 the company decided to split their shares from the face value of ₹10 per share to ₹ 2 per share. On 4th April 2014 the market value of each share was ₹ 8 per share. Find Mr. Joshi's gain or loss , if he sells the shares on 4th April 2014?
(No brokerages is involved in the transaction).

b) If $n_{p_2} = 72$, find n.

c) If $48_{C_{12}} + 48_{C_{13}} + 49_{C_{14}} = 50_{C_x}$ Then find x.

d) If $A = \begin{bmatrix} 1 & 2 & 2 \\ 2 & 1 & 2 \\ 2 & 2 & 1 \end{bmatrix}$ then show that $A^2 - 4A - 5I = 0$.

- e) Find the cofactor of the matrix

$$A = \begin{bmatrix} 2 & 2 & 0 \\ 2 & 1 & 1 \\ 7 & 2 & -3 \end{bmatrix}.$$

- f) Define the following terms:
i) Objective function (in L.P.P.).
ii) Decision variables (in L.P.P.).

Q4) Attempt any four of the following:

[4×4=16]

- a) Solve the following LPP by graphical method

$$\text{Minimize } Z=3x_1+2x_2$$

Subject to :

$$5x_1 + x_2 \geq 10$$

$$x_1 + 4x_2 \geq 12$$

$$x_1, x_2 \geq 0$$

- b) Define the following terms:

i) Permutations

ii) Combinations.

- c) Write a note on types of shares.

- d) Ajay owns 560 shares of a company. The face value of each share is ₹25 and the company declares a dividend of 9% calculate:

i) The dividend Ajay would receive.

ii) The rate of interest on his investment considering that Ajay bought these shares at ₹30 per share in the market.

- e) Find the adjoint of matrix A' where.

$$A = \begin{bmatrix} 3 & -4 & 1 \\ -3 & 6 & -1 \\ 4 & -8 & 2 \end{bmatrix}$$

- f) Find inverse of $A = \begin{bmatrix} 7 & -2 \\ -6 & 2 \end{bmatrix}$.

Q5) Attempt any two of the following:

[2×8=16]

- a) A farmer Mr. shyam is engaged in breeding pigs. The pigs are fed on various products grown on the farm. Because of the need to ensure nutrient constituents, it is necessary to buy additional one or two products, which we shall call A and B. The nutrient constituents (Vitamins & proteins in each of the product are given below:

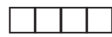
Nutrient constituents	Nutrient in the product		Minimum requirement of nutrient constituents
	A	B	
X	3	12	036
Y	20	10	100

Product A costs ₹20 per unit and product B costs ₹40 per unit. Determine how much of products A and B must be purchased so as to provide the pigs nutrients not less than the minimum required at the lowest possible cost. Solve graphically.

- b) Determine an initial basic feasible solution to the following transportation problem by using VAM method.

Source	Destinations				Supply
	D ₁	D ₂	D ₃	D ₄	
A	11	13	17	14	250
B	16	18	14	10	300
C	21	24	13	10	400
Demand	200	225	275	250	

- c) i) Define equal matrices and diagonal matrices.
 ii) Use matrix method to examine the following system of equations for consistency or inconsistency $2x-3y=3$ and $4x-y=11$.



Total No. of Questions : 5]

SEAT No. :

P1208

[4767] - 1006

[Total No. of Pages :1

FY.B.B.A

BUSINESS DEMOGRAPHY AND ENVIRONMENTAL STUDIES

(Semester-I) (2013 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Define demography? Discuss the importance of Demography in Business and commerce. **[15]**

OR

Define the term "Population Density". Explain physical factors affecting density and distribution of population.

Q2) Discuss the importance of human resource in the growth of business. **[15]**

OR

What do you mean by Urbanization? Explain structural, behavioral and demographic aspects of urbanization with suitable examples.

Q3) Define the term "Environment." Explain types of Environment. **[15]**

OR

What do you mean by "Environmental Pollution"? Discuss the relationship between pollution and industrialization by giving suitable examples.

Q4) What do you mean by Mortality? Explain the factors affecting mortality. **[15]**

OR

Explain the following terms:

- a) Literacy Ratio
- b) Sex Ratio

Q5) Write short notes on: (any four): **[20]**

- a) Nature of demography.
- b) Topography.
- c) Concept of Age and Sex Pyramid.
- d) Working population.
- e) Global Warming.
- f) Oil crisis.

Total No. of Questions : 5]

SEAT No. :

P1147

[4767] - 101

[Total No. of Pages : 1

B.B.A.

BUSINESS ORGANISATION AND SYSTEMS

(Semester - I) (Old 2008 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Define Globalisation? State and explain its advantages. [15]

OR

Explain Merger and Acquisition in detail.

Q2) What is Multinational Company? Explain its role in global market. [15]

OR

Define communication. State the importance of communication in Modern Business.

Q3) Explain retail Trade in detail. [15]

OR

Define Public Sector. Explain its objectives and importance.

Q4) Define Business Plan. Explain its objectives. [15]

OR

What is Vertical Combination? State its objectives and limitations.

Q5) Write short notes (Any Four): [20]

- a) Franchising.
- b) Business Process and Outsourcing.
- c) Social audit.
- d) Industrial Revolution.
- e) On-line Trading.
- f) Partnership.
- g) Malls and super markets.



Total No. of Questions : 5]

SEAT No. :

P1148

[4767] - 102

[Total No. of Pages : 2

B.B.A

BUSINESS COMMUNICATION SKILLS

(Semester - I) (2008 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Draw figures wherever required.*

Q1) What is communication? Explain in detail the flow of communication in an organization. **[15]**

OR

Explain various barriers to Communication.

Q2) Draft notice, agenda and minutes for a executive committee meeting of Rotract club. **[15]**

OR

What is Status Enquiry? Mr. Akash has applied for the agency of Maruti Suzuki Ltd. You are the head of department of Finance of the company. Write a Status Enquiry letter to Bank of Excellence.

Q3) You have ordered 200 Boxes of frozen peas from Sarang Ltd. After receiving your order, you find that most of the peas are rotten. Write a complaint letter to the company seeking compensation. **[15]**

OR

What are the principles of effective oral communication.

Q4) Enumerate the guidelines for an interviewee. **[15]**

OR

Explain the essential components of a business letter.

P.T.O.

Q5) Write short notes on any *four* of the following:

[20]

- a) Importance of business Reports.
- b) Grapevine.
- c) Kinds of business letters.
- d) Art of Listening.
- e) Evaluating components of Group Discussion for selection Process.
- f) Process of Communication.



Total No. of Questions : 5]

SEAT No. :

P1149

[4767] - 103

[Total No. of Pages : 5

B.B.A

BUSINESS ACCOUNTING

(Semester - I) (Old 2008 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Use of calculator is allowed.*

Q1) a) Answer in brief (Any five): [10]

- i) What is meant by Reducing Balance Method/Written down value Method?
- ii) What is meant by the convention of conservatism?
- iii) What do you mean by Accrual Concept?
- iv) What is meant by Bank Overdraft?
- v) What is meant by Going Concern Concept?
- vi) What is cash discount?
- vii) What is meant by Bad debts?

b) State with reason whether the following statements are true or false: [Any Five] [10]

- i) The capital of the proprietor is increased by the amount of drawing during the year.
- ii) The going concern concept assumes that the life of a business is always limited.
- iii) In written down method depreciation remains constant every year.
- iv) All indirect expenses are debited to trading account.
- v) In straight line method of depreciation, the amount of depreciation remains constant every year.
- vi) A creditor is a person to whom the amount is owned.

P.T.O.

Q2) Following are the transactions of Mahipal Nagpal, Osmabad from April 2012. journalise them. **[16]**

- 1 Started business with furniture ₹ 15,000 and Machinery ₹ 35,000.
- 3 Borrowed from Canara Bank ₹ 24,000.
- 7 Bought goods ₹ 5,000 @ 2% Cash discount.
- 10 Sold goods of ₹ 6,200 to Manoj on credit.
- 13 Purchased a watch dog for ₹ 1,400 to guard business property.
- 17 Paid electricity bill of ₹ 750.
- 19 Received from Manoj ₹6,000 in full settlement of his account of ₹6,200.
- 22 Paid insurance premium on business property of ₹1,500 and for proprietor's life ₹1000.
- 25 Received ₹500 as interest on investments.
- 28 Remuneration of ₹3,200 paid to factory employees by cheque.
- 30 Interest on Bank loan paid @ 10% p.a.
- 30 Purchased a Typewriter from Mahindra and Co. ₹5,500 on credit.

OR

Enter the following transactions of Meeta traders, in the cashbook with cash, Bank & Discount columns and balance the same for July 2012. **[16]**

- 1 Cash A/c (Dr): ₹10,000, Bank A/c (Dr) ₹20,000.
- 3 Bought goods from Omkar ₹2,000 @ 5% Trade discount and the amount was paid by cheque.
- 5 Received from Omprakash ₹570 by cheque in full settlement of his account for ₹590.
- 6 Paid to Om ₹945 and discount received ₹15 for purchase of Tools.
- 8 Banked the cheque received from Omprakash.
- 10 Oswal remitted ₹2,250 net to Meeta by cheque discount allowed to him @ 10% and the cheque mass deposited into Bank.
- 12 Paid ₹700 for petty expenses to petty cashier.
- 16 Invoiced goods to Opel to ₹3000, off 7% for Trade Discount.
- 19 Purchased stationery for ₹400 from Onida Bros. for cash.

- 23 Settled Orpe's A/c for ₹800 by cheque after deducting 2.5% for cash discount.
- 25 Withdrew ₹400 for office use & ₹600 for personal use.
- 29 Paid salary ₹1200 in cash & ₹800 for wages by cheque.
- 31 Old equipments sold to Osaram for cash ₹800, received half the amount in cash & half by crossed cheque.

Q3) The following balances were exacted from the books of Deepali Deshpande, Dombivalli as on 30th June 12. Prepare Trading and Profit and Loss account for the year ended 30th June, 2012 and the Balance sheet as on that date after taking into account the following adjustments: **[16]**

Trial Balance as on 30th June, 2012

Particulars	Debit ₹	Credit ₹
D's Capital		3,30,000
D's Drawings	24,450	
Opening stock	2,00,000	
Bills Receivable	25,000	
Purchases	2,75,000	
Sales		4,20,000
Bills Payable		60,000
Return Outward		4,500
Return Inward	5,000	
Plant & Machinery	1,00,000	
Loose Tools	25,000	
Patents	25,000	
Sundry Debtors	1,25,000	
Sundry Creditors		1,40,000
Cash at Bank	77,550	
Salaries & Wages	50,000	
Repairs & Renewals	7,500	
Insurance	3,000	
Power & Fuel	3,500	
Printing & Stationery	2,000	
Miscellaneous expenses	6,500	
Total	9,54,500	9,54,500

Adjustments:

- a) Closing stock was ₹1,30,000.
- b) Depreciate Plant & Machinery @ 5% p.a. and Patents @ 15% p.a.
- c) Revalue Tools at ₹20,000/-.
- d) Provision for Bad and Doubtful debts @ 5% on debtors.
- e) Outstanding Salary amounted to ₹3,500.
- f) Insurance was paid in advance to the extent of ₹750.

Q4) a) Prepare Machinery account for the following data for the first three years assuming that the accounts are closed on 31st March every year. [8]

on 1st January, 2013, Sowmya Ltd, Pune purchases a second hand machine for ₹1,60,000 and spent ₹40,000 on its cartage, repair & installation. The residual value at the end of its expected useful life of four years is estimated at ₹80,000.

On 30th September, 2014, this machine is sold for ₹1,00,000. Depreciation is to be provided according to straight line method.

b) On 31st January, 2014 Bank column of Cash-Book of Devdas showed a debit balance of ₹10,000. From the following particulars prepare a Bank Reconciliation statement showing the position as per Pass-Book on 31st January, 2014. [8]

- i) Cheques paid into the Bank but not credited before 31st January, 2014 amounted to ₹10,500.
- ii) Purchases of share from Tata Motors Ltd., of ₹2,000 by the bank appeared in the Pass-Book only.
- iii) Direct deposit by the customers into the Bank ₹1,650 was recorded in the Pass-Book only.
- iv) Cheques issued on 29th January, 2014 and presented for payment on 5th February, 2014 amounted to ₹4,000.
- v) Bank charges of ₹50 and interest on Investment of ₹900, were recorded only in the Bank Pass-Book.

Q5) Write short notes on [Any two]:

[12]

- a) Limitations of Financial Accounting.
- b) Business Entity Concept.
- c) Advantages of financial accounting.
- d) Straight line Method of depreciation.

OR

Explain in brief the important provisions in respect of preparation of Final Accounts of limited Company under Companies Act, 1956. **[12]**



Total No. of Questions : 5]

SEAT No. :

P1150

[4767] - 104

[Total No. of Pages : 1

B.B.A

BUSINESS ECONOMICS (MICRO)

(Semester - I) (2008 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All Questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) State and explain market forces in solving economic problems. **[15]**

OR

State and explain nature and scope of Micro Economics.

Q2) Explain circular flow of Income and Expenditure. **[15]**

OR

Explain types of elasticity of demand.

Q3) Explain Internal Economics of scale with suitable examples. **[15]**

OR

Explain price and output determination under Monopolistic competition.

Q4) Explain Liquidity preference theory of Interest. **[15]**

OR

Explain Role of Trade union and collective bargaining in wage determination.

Q5) Write short Notes on (any four): **[20]**

- a) Innovation theory of profit.
- b) Law of supply.
- c) Fixed and variable cost.
- d) Total Revenue and Marginal Revenue.
- e) Difference between Micro and macro Economics.
- f) Diseconomies of scale.



Total No. of Questions : 5]

SEAT No. :

P1151

[4767] - 105

[Total No. of Pages : 3

B.B.A

BUSINESS MATHEMATICS

(Semester - I) (2008 Pattern) (Old Syllabus)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All Questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Logarithmic tables will be supplied on request.*
- 4) *Use of private non scientific electronic calculator is allowed.*

Q1) Attempt any four of the following:

[16]

- a) Define:
 - i) Continued Proportion.
 - ii) Joint Variation.
- b) Weights of Hritik, Kapil and Karan are in continued proportion. If weight of Hritik is 9 kg and weight of Karan is 25 kg. What is the weight of Kapil?
- c) The sum of present ages of 3 persons is 66 years. five years ago, their ages were in the ratio 4 : 6 : 7. Find their present ages.
- d) Find fourth proportional to 20, 40 and 60.
- e) If an article is sold at 20% profit, find the ratio of Cost Price to Selling Price.
- f) A hand bag when sold for Rs. 1,674 resulted in a loss of 7%. What was the cost price of the hand bag?

Q2) Attempt any four of the following:

[16]

- a) Define:
 - i) Brokerage.
 - ii) Dividend.

P.T.O.

- b) By selling 300 copies of a book for Rs. 9240 book seller loses 12%. What is the cost price of a book?
- c) A car was bought for Rs. 86,000 and sold for Rs. 92,000 through a broker who charges commission of 2% on purchase and 3% on sales. Find the total gain on the transactions of the car owner.
- d) Explain the terms Trade Discount and Cash Discount.
- e) Karina invested Rs. 12,000 at Rs. 120 and earned a dividend of Rs. 1,000. Find the rate of dividend.
- f) Which is the better investment, 8% at Rs. 80 or 15% at Rs. 120?

Q3) Attempt any four of the following: [16]

- a) Calculate simple interest on Rs. 5,000 invested for 4 years at the rate of 6% p.a.
- b) Find the Compound Interest on Rs. 3,800 for 4 year when the Rate of Interest is 9% p.a.
- c) Find x , if ${}^{10}C_5 + {}^{10}C_6 + {}^{11}C_7 = {}^{12}C_x$.
- d) Explain:
 - i) Debentures.
 - ii) Equity Shares.
- e) A sum of amount doubles itself in 5 years. Find the rate of simple interest.
- f) Find compound interest on Rs. 10,000 for 4 years at 5% p.a.

Q4) Attempt any four of the following: [16]

- a) Explain the following terms with examples:
 - i) Upper triangular matrix.
 - ii) Lower triangular matrix.
- b) If $A = \begin{bmatrix} 2 & 1 \\ 3 & 2 \end{bmatrix}$ Then show that $A^2 = 4A - 1$.
- c) Find adjoint of the following matrix:

$$A = \begin{bmatrix} 3 & 1 \\ 4 & 2 \end{bmatrix}.$$
- d) Verify that $A \times (B+C) = (A \times B) + (A \times C)$ using suitable square matrices.

- e) State any four properties of matrix multiplication.
- f) Verify that $A + B = B + A$.

Q5) Attempt any four of the following:

[16]

- a) a cricket eleven is to be selected from amongst 8 batsmen, 7 bowlers and 2 wicket keepers so as to include at least 5 batsmen, at least 4 bowlers and exactly 1 wicket keeper. In how many ways this can be done?
- b) Explain the terms:
 - i) Permutation.
 - ii) Combination.
- c) Find inverse of $A = \begin{bmatrix} 5 & 6 \\ 7 & 8 \end{bmatrix}$.
- d) Explain in details:
 - i) Equity Shares.
 - ii) Preferential Shares.
- e) Evaluate the following:
 - i) ${}^{10}C_3 + {}^5C_4 + {}^{10}P_5$.
 - ii) ${}^{15}P_5 + {}^{10}C_4 - {}^{10}P_7$.
- f) Define the following terms:
 - i) Diagonal Matrix.
 - ii) Symmetric matrix.



Total No. of Questions : 5]

SEAT No. :

P1152

[4767] - 106

[Total No. of Pages : 2

F.Y. B.B.A

BUSINESS DEMOGRAPHY & ENVIRONMENTAL STUDIES

(Semester - I) (2008 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All Questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Define Demography. Explain the nature & scope of Demography. **[16]**

OR

What do you mean by Mortality? Explain various factors affecting Mortality rate.

Q2) What do you mean by Distribution of population? Discuss physical factors of distribution of population by giving suitable examples. **[16]**

OR

Discuss the importance of human resource in the growth of population.

Q3) Explain the following concepts: **[16]**

- a) Literacy ratio.
- b) Sex Ratio.

OR

Define Urbanization. Elaborate factors influencing urbanization.

Q4) Discuss relationship between pollution & industrialization. Support your answer with suitable examples. **[16]**

OR

Write detailed short notes on:

- a) Global Warming.
- b) Kyoto Protocol.

P.T.O.

Q5) Write short notes on: (any 4):

[16]

- a) Topography.
- b) Expanding age & sex pyramid.
- c) Over population.
- d) Measures to calculate population density.
- e) Urban sprawl.
- f) Trends in Urbanization in developing countries.



Total No. of Questions : 5]

SEAT No. :

P1210

[4767] - 2002

[Total No. of Pages :1

F.Y.B.B.A

PRINCIPLES OF MARKETING

(Semester-II) (2013 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Define Marketing. Explain various functions of marketing with suitable examples. **[15]**

OR

Who is a marketing manager? Explain duties and responsibilities of a marketing manager.

Q2) Define Services. Explain classification of services with suitable examples. **[15]**

OR

Define Rural Marketing. Explain features and importance of Rural Marketing.

Q3) Define Marketing. Environment. Explain internal factors of marketing environment with suitable examples. **[15]**

OR

Define Marketing Research. Explain the scope of marketing research.

Q4) Define advertising. Explain importance and limitation of advertising. **[15]**

OR

Define a product. Explain various characteristics of a product.

Q5) Write short notes on: (any 4): **[20]**

- a) Evolution of marketing.
- b) Green marketing.
- c) Behavioral segmentation.
- d) Importance of Pricing.
- e) Super markets.
- f) Primary data.

Total No. of Questions : 5]

SEAT No. :

P1211

[4767] - 2003

[Total No. of Pages :1

B.B.A.

203: PRINCIPLES OF FINANCE

(Semester-II) (2013 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to right indicate full marks.*

Q1) Define Financial management? Explain in detail its approaches? [15]

OR

Define finance function. Explain in detail the scope and nature of finance functions.

Q2) What are the various internal sources of finance? Explain its merits & demerits. [15]

[15]

OR

Explain equity shares as a source of finance.

Q3) What is overcapitalisation? Explain its causes, consequences & remedies. [15]

OR

What do you mean by capital structure? Explain criteria in determining capital structure.

Q4) Define financial planning? Explain its advantages & disadvantages. [15]

OR

Define financial planning? Explain various methods of financial forecasting.

Q5) Write short notes (any four): [20]

- a) Venture capital.
- b) Public Deposit.
- c) Debenture Capital
- d) Leasing.
- e) Role of finance manager.
- f) Under capitalisation.

Total No. of Questions : 5]

SEAT No. :

P1212

[4767]-2004

[Total No. of Pages : 4

F.Y.B.B.A

BASICS OF COST ACCOUNTING

(New 2013 Pattern) (Semester - II)

Time : 3 Hours]

[Max. Marks :80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Use of calculators is allowed.*

Q1) a) Fill in the blanks (Any five): [5]

- i) The aggregate of Factory Cost and Administration overheads is known as _____.
- ii) _____ is also known as service costing.
- iii) Carriage outward is an example of _____ overheads.
- iv) in case of _____ costing, cost is ascertained for each job.
- v) The prime cost includes all _____ costs.
- vi) Abnormal losses are charged to _____.

b) State whether following statements are true or false (Any Five): [5]

- i) Cost Accounting is an expensive system of Accounting.
- ii) Contract costing is applicable for small jobs of short duration.
- iii) Cost Audit is compulsory for all companies.
- iv) Process costing is applicable to service Industry.
- v) Motive power is an example of Factory overheads.
- vi) Income Tax paid is not recorded in cost sheet.

Q2) Define the term cost Accounting. State the advantages and disadvantages of cost Accounting. [15]

OR

Define the term overheads and explain the steps for distribution of overheads.

P.T.O.

Q3) Write short notes (Any Three):

[15]

- a) Cost Unit.
- b) Limitations of Financial Accounting.
- c) contract Costing.
- d) Cost Audit.
- e) Abnormal Loss.

Q4) The following information has been obtained from the books of M/S Omprakash Ltd. for the year ended 31-3-2014. **[16]**

<u>Particulars</u>	<u>Rs.</u>
Stock on 1-4-13	
- Raw materials	75,000
- Work - in - progress	22,000
- Finished Goods	50,000
Stock on 31-3-14	
- Raw Materials	55,000
- Work - in - progress	27,000
- Finished Goods	45,000
Carriage Outward	18,000
Legal Charges	15,000
Works repaires	8,000
Bad Debts	3,500
Purchase of raw material	1,85,000
Productive wages	75,000
General Expenses	12,000
Motive Power	32,000
Salesman's Salary	26,000
Printing and stationery	14,000
Royalty	20,000
Sales	6,00,000

Factory Rent	25,000
Warehouse Rent	30,000
Directors Fees	35,000
Consumable stores	10,000

Prepare cost Sheet and show the following:

- Cost of Raw Material consumed.
- Prime Cost.
- Factory Cost.
- cost of production.
- Total cost.
- Net Profit.

Q5) a) The following are the particulars relating to a contract which has began on 1st January, 2014. **[12]**

<u>Particulars</u>	<u>Rs.</u>
Contract price	5,00,000
Machinery purchased	30,000
Materials issued	1,70,600
Wages paid	1,48,750
Direct Expenses	6,330
Cash received	3,51,000
Value of work certified	3,80,000
Outstanding wages	5,380
Work uncertified	19,000
Overheads	8,240
Material returned to stores	1,400
Material at site 31-12-14	3,900
Machinery at site 31-12-14	22,000

Prepare the contract Account and Contractee's Account for the year 2014.

- b) From the following information relating to the vehicle of Om Transport, Pune calculate the cost per running kilometre. [12]

<u>Particulars</u>	<u>Rs.</u>
Cost of Vehicle	1,50,000
Road License (Annual)	7,500
Insurance (Annual)	4,000
Garage rent (Annual)	5,000
Supervision and salaries (Annual)	12,000
Interest & other charges (Annual)	2,500
Wages to Driver (Annual)	8,000

Cost of petrol per litre Rs.30 repairs and maintenance per km Rs.4
kilometre run per litre 150 kms

kilometre run annually 6000 kms estimated life of the vehicle 75,000.

OR

- b) Product Y is obtained after it passes through three distinct process, you are required to prepare process accounts showing the total cost & cost per unit of each process from the following information

Items	Process		
	I Rs.	II Rs.	III Rs.
Materials	5,200	3,960	5,924
Wages	4,000	6,000	8,000

Production overheads Rs. 18,000 to be apportioned on 100% of wages
1000 units @ Rs. 6 per unit were introduced in process I.

Actual Output	Unit	Normal Loss	Value of scrap per unit Rs.
Process I	950	5%	4
Process II	840	10%	8
Process III	750	15%	10

EEE

Total No. of Questions : 5]

SEAT No. :

P1213

[4767]-2005

[Total No. of Pages : 4

B.B.A.

BUSINESS STATISTICS

(2013 Pattern) (Semester - II)

Time : 3 Hours]

[Max. Marks :80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicates full marks.*
- 3) *Use of calculator is allowed.*
- 4) *Notations have their usual meanings.*

Q1) Attempt any four of the following:

[16]

- a) What are the requirements of good measure of central tendency?
- b) Draw the histogram for the following data:

Class	0 - 10	10 - 20	20 - 30	30 - 40	40 - 50
Frequency	5	8	15	10	6

And hence find the mode graphically.

- c) Explain stratified random sampling with illustration.
- d) Average marks of 30 candidates were 40. Later on it was found that a score 47 was misread as 74. Find the correct average?
- e) Calculate lower and upper quartile for the following data:
26, 30, 35, 5, 6, 20, 40, 45, 11, 18, 15, 49.
- f) Calculate standard deviation for the following data:
54, 61, 64, 69, 58, 59, 49, 47, 55, 50.

Q2) Attempt any four of the following:

[16]

- a) What are the advantages of sampling method over census method.
- b) What is dispersion? Explain absolute and relative measure of dispersion.

P.T.O.

- c) Represent the following information by a suitable diagram.

Mode of Transport	Bus	train	Aeroplane	Private vehicle	Own vehicle
No. of Passengers	1250	2250	100	600	500

- d) Calculate median for the following grouped frequency distribution.

Marks	Below 20	20 - 40	40 -60	60 -80	80 - 100
No. of Students	1	9	32	16	7

- e) Find combined standard deviation for the following data:

Group - I $\bar{X}_1 = 2100, n_1 = 100, \sigma_1 = 10$

group - II $\bar{X}_2 = 1500, n_2 = 200, \sigma_2 = 12$

- f) If the correlation coefficient between X and Y is 0.8. Find the correlation between.

- i) X and $-Y$
- ii) $2X$ and $3Y$
- iii) $X - 10$ and $Y + 15$
- iv) $\frac{X}{2}$ and $Y + 15$

Q3) Attempt any four of the following:

[16]

- a) Write merits and demerits of mean.
- b) Explain the scope of statistics in management sciences.
- c) Calculate consumer price index number using family budget method for the following data by taking 1985 as a base year.

Commodity	1985		1986
	Quantity	Price	Price
A	100	8	12
B	25	6	8
C	10	5	15
D	20	10	25

- d) Calculate mode for the following grouped frequency distribution:

Class	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	5	12	18	22	15	8

- e) The regression equations are $3X - Y = 5$ and $4X - 3Y = 0$ Find:
- Arithmetic mean of X and Y.
 - Correlation coefficient between X and Y.
- f) Write note on cost of living Index Number.

Q4) Attempt any two of the following data:

[16]

- What is time series? Explain the components of time series.
- Following data are related to marks in Accountancy (X) and marks in statistics (Y) of 10 candidates:

X	66	65	68	68	67	66	70	64	69	67
Y	68	67	67	70	65	68	70	66	68	66

- Calculate regression coefficients, hence correlation coefficient.
 - Estimate Y when X = 76.
- c) I) Calculate price Index number using
- Lasperys
 - Paasches
 - Fishers method for the following given below:

Commodities	1980		1985	
	Price	Quantity	Price	Quantity
A	3	5	4.5	6
B	24	2	18	3
C	20	1	35	2
D	10	4	16	4
E	35	4	6	5
F	3	2	4	6

- II) What are the uses of Index Number?

Q5) Attempt any two of the following:

[16]

- a) What is Index Number? Explain the problems in the construction of Price Index Number.
- b) For the following time series of observations, find 4 yearly moving averages and 4-yearly centered moving averages. Also plot the trends.

Year (t)	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Goods (y)	22	25	23	26	24	26	29	30	31	29	32	31

- c) The following data represents the goods scored by two teams in football matches.

No. of goals scored	0	1	2	3	4
No. of matches by Team A	20	12	8	3	2
No. of matches by Team B	18	10	7	6	4

Which team is more consistent?

EEE

Total No. of Questions : 5]

SEAT No. :

P1214

[4767]-2006

[Total No. of Pages : 2

F.Y.B.B.A

206: BUSINESS INFORMATICS

(New 2013 Pattern) (Semester - II)

Time : 3 Hours]

[Max. Marks :80

Instructions to the candidates:

- 1) *Question No. 1 is compulsory.*
- 2) *Solve any three questions from question No. 2 to Question No. 5.*
- 3) *Draw figures wherever necessary.*

Q1) Write short notes (Any 4):

[20]

- a) Printer
- b) RAM
- c) Files
- d) Notepad
- e) Windows Explorer

Q2) a) What is Computer? Explain the types of computer.

[10]

b) What is input device? Explain any two input devices.

[10]

Q3) a) What is ISP? Explain its role.

[10]

b) Perform the following:

[10]

i) $(712)_{10} = ()_8$

ii) $(10101)_2 = ()_{10}$

iii) $(CA)_{16} = ()_{10}$

iv) $(010100)_2 = ()_8$

v) $(30245)_8 = ()_2$

P.T.O.

- Q4) a)** What is computer Networks? Explain the types of Networks. [10]
- b) What is Normalization? Explain the 1st Normal form. [10]
- Q5) a)** Explain following DOS Commands with example: [10]
- i) Mkdir
 - ii) Edit
 - iii) Attrib
 - iv) Format
 - v) Time
- b) Explain SQL statements with example: [10]
- i) SELECT
 - ii) INSERT

EEE

Total No. of Questions : 5]

SEAT No. :

P1153

[4767] - 201

[Total No. of Pages : 2

B.B.A

PRINCIPLES OF MANAGEMENT

(Semester - II) (2008 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Define the term Management. Explain the nature of management. **[15]**

OR

What is meant by Management? Explain the relationship between management & administration.

Q2) Describe the contribution of F.W.Taylor towards scientific management. **[15]**

OR

What is planning? Explain the process of planning.

Q3) Define the term controlling. Explain various techniques of controlling. **[15]**

OR

What is Leadership? Explain Functions & qualities of effective leader.

Q4) Write notes: **[15]**

- a) Techniques of Forecasting.
- b) Staffing.

OR

What is direction? Explain various principles of direction.

P.T.O.

Q5) Write short notes on: (any 4):

[20]

- a) Total Quality Management.
- b) Line & Staff Structure.
- c) Social Responsibility of Management.
- d) Delegation of Authority.
- e) Theory X & Theory Y.
- f) Importance of Co-ordination.



Total No. of Questions : 7]

SEAT No. :

P1154

[4767] - 202

[Total No. of Pages : 1

F.Y. B.B.A

PRINCIPLES OF MARKETING

(Semester - II) (2008 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *Q.No. 7 is Compulsory.*
- 2) *Attempt any Four questions out of six.*
- 3) *All questions carry equal marks.*

Q1) Define Marketing. Explain various concepts of Marketing? **[16]**

Q2) What is Rural Marketing? Explain the features and importance of Rural Marketing. **[16]**

Q3) What are the elements of Marketing Mix? Discuss utility of Marketing Mix. **[16]**

Q4) What do you mean by a Retailer? Explain various types of retailers by giving suitable examples. **[16]**

Q5) Define Market Segmentation. What are the benefits and limitations of Market Segmentation? **[16]**

Q6) Define Market Research. Explain various sources of collecting Primary and Secondary data of Marketing research. **[16]**

Q7) Write short notes: (Any Four) **[16]**

- a) Product Life Cycle (PLC).
- b) Functions of Physical Supply.
- c) E-Marketing.
- d) Features of Advertising.
- e) Differentiated Marketing.
- f) Importance of MIS.



Total No. of Questions : 7]

SEAT No. :

P1155

[4767] - 203

[Total No. of Pages : 1

B.B.A

**PRINCIPLES OF FINANCE
(Semester - II) (2008 Pattern)**

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *Q.No. 1 is Compulsory.*
- 2) *Attempt any Four questions out of the remaining.*
- 3) *Figures to the right indicate full marks.*

- Q1)** Write short note (Any Five): **[20]**
- a) Types of Pref. Share Capital.
 - b) Role of Depreciation.
 - c) Relationship of Finance department with other departments.
 - d) Limitations of Financial Planning.
 - e) Organizational structure of Finance Function.
 - f) Bonus Shares.
- Q2)** What is Financial Management? Explain scope & objectives of Financial Management. **[15]**
- Q3)** What is Financial Planning? Explain objectives, steps involved in Financial Planning. **[15]**
- Q4)** What is Capital Structure? Explain criteria for determining capital structure. **[15]**
- Q5)** Explain Capitalization along with the concept of over capitalization, its causes, consequences & remedies. **[15]**
- Q6)** Explain the following sources of finance: **[15]**
- a) Equity share capital.
 - b) Borrowings from Bank.
- Q7)** What is Reserves & Surplus? Explain advantages & limitations. **[15]**



Total No. of Questions : 5]

SEAT No. :

P1156

[4767] - 204

[Total No. of Pages : 4

B.B.A

BASICS OF COST ACCOUNTING

(Semester - II) (2008 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*
- 3) *Use of calculator is allowed.*

Q1) a) Fill in the blanks (Any Five): [5]

- i) The aggregate of Factory Cost & Office Overheads is known as _____ .
- ii) Showroom Expenses is an example of _____ Overheads.
- iii) _____ is the most suitable method of costing in a Transport Company.
- iv) Any loss in excess of the estimated loss is known as _____ .
- v) _____ is a point where total cost is equal to total revenue.
- vi) Cash Budget is a _____ Budget.

b) State whether the following statements are True or False (Any Five):[5]

- i) Cost Accounting does not help in Cost Control.
- ii) Cost unit & Cost Centre have same meaning.
- iii) Contract costing is applicable to construction of building.
- iv) Margin of Safety is a difference between actual sales & estimated Sales.
- v) Standard cost are always pre-determined.
- vi) Normal & Abnormal Losses do not co-exist in Process Costing.

P.T.O.

Q2) Define the term Cost Accounting & Explain the Advantages of Cost Accounting. **[15]**

OR

What is Cost? Explain various elements of cost with suitable examples.

Q3) Write short notes: (Any Three): **[15]**

- a) Cost Unit.
- b) Merits of Job Costing.
- c) Abnormal Gain.
- d) Flexible Budget.
- e) Limitations of Financial Accounting.

Q4) Prepare a Cost Sheet of M/s Vijay Ltd. & Show **[16]**

- a) Prime Cost.
- b) Factory Cost.
- c) Cost of Production.
- d) Total Cost.
- e) Net Profit for the year ending 31-3-2014

Particulars	Amount Rs.
Stock on 1-4-2013	
-Raw Material	75,000
-Work-in-progress	22,000
- Finished Goods	50,000
Stock on 31-3-2014	
-Raw Material	55,000
-Work-in-Progress	27,000
-Finished Goods	45,000

Particulars	Amount Rs.
Carriage Outwards	18,000
Legal Charges	15,000
Works repairs	8,000
Bad Debts	3,500
Purchase of raw material	1,85,000
Productive wages	75,000
General Expenses	12,000
Motive Power	32,000
Salesman's Salary	26,000
Printing & Stationery	14,000
Direct Expenses	20,000
Sales	6,00,000
Factory Rent	25,000
Warehouse Rent	30,000
Directors Fees	35,000
Indirect Material	10,000

Q5) a) From the following information, prepare a Cash Budget for the month of April to June 2014 **[12]**

Month	Total Sales (Rs.)	Purchases (Rs.)	Wages (Rs.)	Expenses (Rs.)
February	2,00,000	70,000	14,000	6,000
March	2,20,000	90,000	16,000	8,000
April	2,40,000	1,20,000	18,000	10,000
May	2,60,000	1,30,000	18,000	12,000
June	2,80,000	1,40,000	20,000	14,000

Additional Information:

- i) Period of credit allowed by creditors is two months.
 - ii) 25% of sales is for cash & period of credit allowed to debtors is two months.
 - iii) Delay in Payment of wages & expenses are one month.
 - iv) Income Tax Rs. 40,000 is to be paid for June 2014.
 - v) Opening Cash balance as on 1st April, 2014 is Rs. 70,000.
- b) 'A' Ltd. Furnishes the following particulars relating to the year ending 31-3-2014: [12]

i) Fixed Cost	2,60,000
ii) Variable Cost	3,00,000
iii) Net Profit	40,000
iv) Sales	6,00,000

You are required to calculate:

- 1) P/V Ratio.
- 2) Break-Even Point.
- 3) Profit for sales Volume of Rs. 10,00,000.
- 4) Volume of sales to make a profit of Rs. 2,00,000.

OR

- b) From the following data, calculate: [12]
- i) Material Cost Variance.
 - ii) Material Price Variance.
 - iii) Material Usage Variance.

Material	Standard Qty. (Kg.)	Standard Rate (Rs.)	Actual Qty (Kg)	Actual Rate (Rs.)
A	1,000	80	1200	70
B	1,500	100	1800	90
C	2,000	120	2400	110



Total No. of Questions : 5]

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P1157

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[Total No. of Pages : 4

B.B.A

BUSINESS STATISTICS

(Semester - II) (2008 Pattern)

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicates full marks.*
- 3) *Use of calculator is allowed.*
- 4) *Notation and abbreviations have their usual meanings.*

Q1) Attempt any four of the following:

[4 × 4 = 16]

- a) Write merits and demerits of arithmetic mean.
- b) Draw the Histogram for the following data:

Class	0-10	10-20	20-30	30-40	40-50
Frequency	5	8	15	10	6

And hence find the mode graphically.

- c) Draw the pie-diagram to represent the following information:

Items	Food	House Rent	Clothing	Education	Saving	Other
Monthly Expenditure	300	200	125	110	90	75

- d) Find the combined mean for the following data:

$$\text{Group - I } \bar{X}_1 = 2100, n_1 = 100$$

$$\text{Group - II } \bar{X}_2 = 1500, n_2 = 200$$

- e) Solve the following L.P.P. by graphical method:

$$\text{Maximize } Z = X_1 + X_2$$

Subject to

$$X_1 + X_2 \leq 1$$

$$2X_1 + 3X_2 \geq 6$$

$$X_1, X_2 \geq 0$$

- f) Explain why standard deviation is the best measure of dispersion?

P.T.O.

Q2) Attempt any four of the following:

[4 × 4 = 16]

- a) What are the requirements of good sample?
- b) Frequency distribution is given below:

Daily sales (in 000'Rs.)	10-20	20-30	30-40	40-50	50-60	60 and abvoe
No.of Shops	10	18	25	20	12	8

Answer the following questions:

- i) State the type of classification.
 - ii) State the open end class.
 - iii) Class-width of second class.
 - iv) How many shops have sales more than Rs. 40,000.
- c) Write note on correlation Analysis.
- d) A set of 20 values has arithmetic mean 25. Find the arithmetic mean if each value is
- i) doubled
 - ii) increased by 5
 - iii) decreased by 3
 - iv) devided by 2
- e) Calculate mean median and mode for the following data:
30, 55, 50, 40, 50, 60, 55, 62, 55, 45, 61, 65
- f) Define the term:
- i) Basic solution in LPP.
 - ii) Unbounded solution in LPP.

Q3) Attempt any four of the following:

[4 × 4 = 16]

- a) Calculate mode for the following frequency distribution.

Class	0-10	10-20	20-30	30-40	40-50	50-60
Frequency	4	12	18	16	8	4

- b) State the properties of regression coefficients.
- c) Calculate Karl Pearsons correlation coefficient for the following data:

Import	12	14	15	16	21	26	21	15	16	14
Export	10	11	14	14	20	22	16	12	15	13

- d) Calculate Quartile Deviation for the following data:
36, 15, 10, 25, 24, 14, 25, 23, 29, 45, 56, 15, 12
- e) What are the merits and demerits of median?
- f) Obtain an initial basic feasible solution to the following Transportation problem by Matrix Minima Method.

		Destination				Supply
		D ₁	D ₂	D ₃	D ₄	
Sources	S ₁	12	8	6	25	200
	S ₂	6	7	10	18	500
	S ₃	14	3	11	20	300
Demand		180	320	100	400	

Q4) Attempt any Two of the following:

[2 × 8 = 16]

- a) i) Obtain an initial basic feasible solution using vogels Approximation Method for the following Transportation Problem

		Destination				Supply
		D ₁	D ₂	D ₃	D ₄	
Supply	S ₁	50	150	70	60	50
	S ₂	80	70	90	10	60
	S ₃	15	90	80	80	40
Demand		20	70	50	10	

ii) What is unbalanced Transportation problem? Explain how to convert unbalanced TP to balanced TP.

b) Calculate Quartile deviation and its coefficient for the following data:

Class	0-10	10-20	20-30	30-40	40-50
Frequency	3	12	20	10	5

c) Using coefficient variation, find which of the following batsman is more consistent in scoring.

Score A	42	115	6	73	7	19	119	36	84	29
Score B	47	12	76	42	4	51	37	48	13	0

Q5) Attempt any two of the following:

[2 × 8 = 16]

a) Calculate mean and median for the following frequency distribution:

Marks	0-10	10-20	20-30	30-40	40-50	50-60
No. of Students	8	12	20	10	6	2

b) In a study of correlation coefficient between the amount of rainfall (X) and the iron building material (Y) measured in suitable units, the following data were recorded.

X	4.3	4.5	5.9	6.1	5.2	3.8	2.1	7.5	7
Y	86	90	115	102	122	76	50	145	135

Estimate Y when X = 8.

c) Explain the scope of statistics in management science and Industry.



Total No. of Questions : 5]

SEAT No. :

P1158

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[Total No. of Pages : 2

F.Y.B.B.A.

**216: BUSINESS INFORMATICS
(2008 Pattern) (Semester - II)**

Time : 3 Hours]

[Max. Marks : 80

Instructions to the candidates:

- 1) *Question No. 1 is compulsory.*
- 2) *Solve any Three Questions from Question No. 2 to Question No. 5.*
- 3) *Draw figures wherever necessary.*

Q1) Write short notes: (Any 4)

[20]

- a) Batch File.
- b) Control Panel.
- c) MS-Excel.
- d) Scanner.
- e) Entity Relationship Diagram.

Q2) a) What is Normalization? Explain the goals of Normalization.

[10]

b) What is Computer? Explain the Characteristics of Computer.

[10]

Q3) a) Explain different types of Programming Languages.

[10]

b) Perform the following:

[10]

i) $(010100)_2 = ()_8$

ii) $(CA)_{16} = ()_{10}$

iii) $(111011101110)_2 = ()_{16}$

iv) $(30245)_8 = ()_2$

v) $(654)_{10} = ()_8$

P.T.O.

- Q4)** a) Explain SQL? Explain the types of SQL. [10]
b) What is memory? Explain the types of Memory. [10]
- Q5)** a) Explain following DOS Commands with example: [10]
i) Rmdir
ii) Format
iii) Type
iv) Dir
v) Help
- b) Explain SQL statements with example: [10]
i) SELECT
ii) CREATE



Total No. of Questions : 5]

SEAT No. :

P1221

[4767]-4001

[Total No. of Pages : 2

B.B.A.

PRODUCTION AND OPERATION MANAGEMENT

(2013 Pattern) (Semester - IV)

Time : 3 Hours]

[Max. Marks :80

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks*
- 3) *Draw diagrams/sketch wherever necessary.*

Q1) State the qualities and responsibilities of Production Manager. **[15]**

OR

What is plant layout? Explain various types of plant layout.

Q2) What is Product Development? Explain the scope, importance and techniques of Product Development. **[15]**

OR

Discuss the relation between research, product development and product design.

Q3) Explain in detail Production Procedure. **[15]**

OR

Define 'Production control'. Describe the objectives and techniques of production control

Q4) Define 'Ergonomics'. Explain the objectives and importance of Ergonomics. **[15]**

OR

Define 'Total Quality Management'. Explain the importance and major ingredients in TQM.

P.T.O.

Q5) Write Short Notes on (any four):

[20]

- a) Batch Production System.
- b) Product classification.
- c) Scope of Production Planning.
- d) Elements of Productivity.
- e) Measurement of Productivity.
- f) Objectives of J-I-T.
- g) Features of Quality circles.

EEE