

(Please write your Exam Roll No.)

Exam Roll No. 02613701717

END TERM EXAMINATION

SECOND SEMESTER [BBA] MAY-JUNE 2018

Paper Code: BBA-102

Subject: Cost Accounting
(Batch 2017)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions. All questions carry equal marks.

- Q1 "Cost may be classified in a variety of ways according to their nature and the information needs of management." Explain and discuss this statement giving examples of classifications required for different purposes.
- Q2 From the data given below, answer the following:-
- What is the simple average price of the four weeks' receipts of material A?
 - What is the weighted average price of the four weeks' receipts of material B?
 - What is the value of the balance of material A, in stock at the close of the fourth week if issues are priced on a LIFO basis?
 - What is the value of the fourth weeks' issue of material B, if they are priced on a FIFO basis?

Week	Raw Material Received				issues	
	A		B		A	B
	Kg.	Rs.	Kg.	Rs.	Kg	Kg
I	500	2,000	2,500	3,380	350	3,000
II	600	2,520	2,800	3,920	500	2,400
III	400	1,760	1,500	2,100	600	2,600
IV	500	1,920	3,200	4,800	600	2,200

Opening Stocks:

A-400 Kg at Rs. 1,440

B-4,000 Kg at Rs. 5,800

- Q3 (a) A worker completes a job in a certain number of hours. The standard time allowed for the job is 12 hours and the hourly rate of wages is Rs. 5 per hour. The worker earns, at the rate of 50%, a bonus of Rs. 7.5 under Halsey Plan.
Ascertain the total earnings of the worker under Rowan Premium Plan. Also calculate the effective rate of earning per hour.
- (b) Calculate Machine Hour Rate from the following:
- | | |
|----------------------|---------------------------------------|
| Cost of Machine | Rs. 1,30,000 |
| Installation Charges | Rs. 20,000 |
| Working Life | 10 years |
| Working Hours | 1,500 per year |
| Repairing Charges | 40% of Depreciation |
| Power | 10 units per hour @ Rs. 0.10 per unit |
| Lubricating oil | Rs. 6 per day of 8 hours. |
| Consumable store | Rs. 10 per day of 8 hours |
| Wages of Operator | Rs. 4 per day. |
| Machine Insurance | 40% of Depreciation. |

P.T.O.

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- Q4 What do you mean by absorbed overhead? Under what circumstance will a difference arise between absorbed overhead and actual overhead? How will you dispose of the balance?
- Q5 A manufacturer finds that an increase in the cost of production has taken place. Formerly his cost-Raw Materials 30%; Wages 20%; Rent rates etc. 5%; Fuel 10%; General Expenses 15%;. Now there has been increase of 50% in fuel; 30% in materials; 25% in wages and 20% in rent and rates etc.
He consults you as to what percentage he must add to the selling price in order to obtain the same profit? What would be the result of your calculations and how would you prove to him that they were correct?
- Q6 Prepare the process account form the following information:

Process	X	Y	Z
Material (Rs.)	30,000	18,000	15,000
Labour (Rs.)	16,000	10,000	4,000
Direct Expenses	9,000	6,000	5,000

The output during the period is 2,000 units, the overheads are Rs. 7,800. Allocate the overheads on the basis as given below:
In process X 150% of Y and in Process Z 50% of Process X.

- Q7 Write up a Contract Account form the following:

	Rs.
Direct Material	28,000
Wages	22,000
Special Plant	18,000
Store Issued	9,000
Loose Tools	2,500
Cost of Tractor:	
Fuel	4,000
Wages of Driver	8,000

The contract was completed in 26 weeks at the end of which plant was returned subject to a depreciation of 20% on the original cost . The value of loose tools and stores returned were Rs. 500 and Rs. 1,000 respectively. The value of the tractor was Rs. 1,20,000 and the depreciation is to charged to this contract @20% per year. Provided office overheads @10% on works cost. The contract was agreed to be performed at a profit of 25% on total cost.

- Q8 What is meant by operating cost and operating costing? In which industries it is used? Prepare operating cost sheet with imaginary figures.

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SECOND SEMESTER [BBA] MAY-JUNE 2018

Paper Code: BBA-104

Subject: Quantitative Techniques
(Batch 2017)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions All questions carry equal marks.

- Q1 The following table gives heights of boys and girls studying in a college. Find (i) Standard deviation of the heights of boys and girls taken together, (ii) Whose heights are more variable.

	Boys	Girls
Number	400	100
Average Height	68 inches	65 inches
Variance	9	4

- Q2 (a) Find the class intervals if the arithmetic mean of the following distribution is 33 and assumed mean 35:

Step Deviations	-3	-2	-1	0	+1	+2
Frequency	5	10	25	30	20	10

- (b) "Statistics is a bundle of lies". Comment.

- Q3 From the marks obtained by 8 students in Accountancy and Statistics, compute rank coefficient of correlation:

Marks in Accountancy	60	15	20	28	12	40	80	20
Marks in Statistics	10	40	30	50	30	20	60	30

- Q4 (a) Compute the regression coefficient of Y and X from the following data:

X	1	2	3	4	5
Y	140	180	140	180	200

- (b) If two regression coefficients are -0.9 and -0.3, what would be the value of the coefficient of correlation?

- Q5 Solve the LP problem using simplex method:

$$\text{Max. } Z = 3x_1 + 2x_2 + 5x_3$$

Subject to

$$x_1 + 2x_2 + x_3 \leq 430$$

$$3x_1 + 2x_3 \leq 460$$

$$x_1 + 4x_3 \leq 420$$

$$x_1 + x_2, x_3 \geq 0$$

P.T.O.

$$Z = \frac{1}{2} = \frac{1}{2}$$

$$1 - \frac{1}{4} = \frac{4-1}{4} = \frac{3}{4}$$

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Q6 (a) Write the dual of the following linear programming problem:

Minimize $Z = 5x_1 - 6x_2 + 4x_3$

Subject to constraints

$3x_1 + 4x_2 + 6x_3 \geq 9$

$x_1 + 3x_2 + 2x_3 \geq 5$

$7x_1 - 2x_2 - x_3 \leq 10$

$x_1 - 2x_2 + 4x_3 \geq 4$

$2x_1 + 5x_2 - 3x_3 \geq 3$

$x_1 \geq 0, x_2 \geq 0, x_3 \geq 0.$

(b) What are the characteristics of dual problem and what are its advantages?

Q7 Solve the following transportation problem whose cost matrix, availability at each plant and requirements at each warehouse are given as follows:

		Warehouse			Availability	
		W ₁	W ₂	W ₃		
Plant	P ₁	190	300	500	100	70
	P ₂	700	300	400	600	90
	P ₃	400	100	600	200	180
	Requirement	50	80	70	140	

Q8 A company has to assign four workers A, B, C and D to four jobs W, X, Y and Z. The cost matrix is given below:

Jobs (cost in Rs.)

		W ₁	W ₂	W ₃	W ₄
		Worker	A	1000	1200
B	600		500	300	800
C	200		300	400	500
D	600		700	300	1000

Suggest an optimal assignment schedule and the total cost pertaining thereto.

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SECOND SEMESTER [BBA(GEN)] MAY-JUNE 2018

Paper Code: BBA-106

Subject: E-Commerce

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

- Q1 (a) What do you understand by the term 'E-Commerce'? List the key differences between traditional commerce and electronic commerce. (5)
- (b) What are the basic types of E-commerce? Give an example of each. (5)
- (c) Explain the barriers in E-commerce environment. (5)
- Q2 (a) Discuss the Indian readiness for E-commerce. Explain briefly the Role of Government in e-commerce. (8)
- (b) What are the requirements for transacting online for an organization dealing in books and music titles? Explain them. (7)
- Q3 (a) What is a Frame in HTML? Describe two attributes of the <FRAME> tag alongwith their syntax and example. (5)
- (b) Explain the tags, used in creation of a form. (5)
- (c) Explain how will you insert a video and audio in your html document? (5)
- Q4 Explain any **five** of the following HTML Tags: (3X5=15)
- (i) <DIV>
- (ii) <TR>
- (iii) <LINK>
- (iv) <SUP>
- (v)
- (vi)
- Q5 (a) List various methods of making payment over the Internet for online purchase. Discuss their relative advantages and disadvantages. (8)
- (b) What is electronic wallet? How are they useful? (4)
- (c) What is EFT? (3)
- Q6 (a) Is the business on the Internet secure? Discuss. (3)
- (b) If a customer purchases an item from an online store, what are some of the security concerns that might arise? Explain. (4)
- (c) Explain the terms-Encryption and Decryption and their role in the conduct of E-commerce using example. (8)
- Q7 (a) Discuss the application of E-commerce in E-Procurement bringing out its advantages and disadvantages. (6)
- (b) What are the major attributes of Mobile Commerce which offer new applications and are applicable only in mobile environment. (6)
- (c) What are cookies? Are they useful or not? (3)
- Q8 (a) Discuss the major applications of E-commerce in Supply Chain using example. (6)
- (b) Discuss the taxation issues on E-commerce transactions over the Internet. (6)
- (c) Is ethics different from law? Explain (3)

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END TERM EXAMINATION

SECOND SEMESTER [BBA] MAY-JUNE 2018

Paper Code: BBA-110
BBA(B&I)-110

Subject: Business Communication

Time : 3 Hours

Maximum Marks :75

Note: Attempt any five questions. All questions carry equal marks.

- Q1. a) Explain the meaning and significance of business communication.
b) Explain principles of effective business communication.
- Q2. To be an effective communicator one has to be an effective listener. Analyse the statement with focus on essentials of effective listening.
- Q3. Growth in international business due to globalization added new perspectives and dimensions to business communication. Elucidate.
- Q4. Write note on:
a) Ethical and legal issues in business communication.
b) Formats of Business Letters.
- Q5. Letters, Circulars, Notices and Office Memorandums differ from each other and each has a specific function and format. Explain with illustrations.
- Q6. What are the steps involved in project writing? Explain its contents. What precautions are needed to be taken to make project report effective? Discuss with examples.
- Q7. A meeting has to be convened by the Director of your college to address all faculty members relating to allocation of courses to them and to discuss the activities to be taken up in the next semester. Prepare a draft of (a) Notice (b) Minutes of the meeting. Make realistic assumptions w.r.t agenda, deliberations and decisions.
- Q8. a) What are different types of business letters? Explain them briefly.
b) Write a letter to the suppliers of office equipment inviting quotation from them for supply of office equipments.

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