

END TERM EXAMINATION

SECOND SEMESTER [BBA] APRIL - MAY 2019

Paper Code: BBA-102

Subject: Cost Accounting

(Batch 2017 Onwards)

Time: 3 Hours

Note: Attempt any five questions. All questions carry equal marks. Maximum Marks: 75

- Q1 "Costs may be classified in a variety of ways according to their nature and the information needs of the management." Explain and discuss this statement giving examples of classifications required for different purposes.
- Q2 A company manufactures 5,000 units of a product per month. The cost of placing an order is Rs. 100. The purchase price of the raw material is Rs. 10 per kg. The re-order period is 4 to 8 weeks. The consumption of raw materials varies from 100 kg to 450 kg per week, the average consumption being 275 kg. The carrying cost of inventory is 20% per annum. You are required to calculate-
- Re-order Quantity
 - Re-order Level
 - Maximum Level
 - Minimum Level
 - Average Stock Level
- Q3 Find out the remuneration of a worker on the basis of (a) Day Rate, (b) Piece Work Rate, (c) Halsey Scheme, (d) Rowan Scheme, from the following information:
- Parwat Singh
40
1 April, 2010 at 8 a.m.
5 April, 2010 at 12 Noon
Production of 540 units
500 units
10 units per hour
Rs. 3 per hour
40% of time saved
- Name of Worker
 - Ticket No.
 - Work start time
 - Work finish time
 - Work allotted
 - Work done and approved
 - Time and units allowed
 - Wage Rate
 - Bonus
 - Worker worked for 9 hours a day.

Q4 Sachin Limited has three manufacturing departments 'A', 'B' and 'C' and one service department 'S'. The following particulars are available for one month of 25 working days of 8 hours each day. All departments work all days with full attendance.

Expenses	Total (Rs.)	Production			Service Dept.	
		A (Rs.)	B (Rs.)	C (Rs.)	S (Rs.)	
Power and Lighting	1,100	200	300	360	240	
Supervisor's Salary	2,000	-	-	-	-	
Rent	500	-	-	-	-	
Welfare Expenses	600	-	-	-	-	
Other Expenses	1,200	200	400	400	200	
Supervisor's Salary		30%	30%	20%	20%	
No. of Workers		3	4	2	1	
Floor area sq. metre		60	80	60	50	
Service rendered by Dept.		50%	30%	20%		
Service rendered to Dept.						
Production Department						

Calculate the Labour Hour Rate for each of the departments A, B and C. P.T.O.

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Q5 The cost of making 40 pianos of which 20 are of Grade A and 20 are of Grade B is Rs. 80,000. Pianos of Grade B cost 55% and Pianos of Grade A cost 45% of the total.

Ascertain the cost of each grade and add thereto 10 percent for indirect expenses. Transport and space in the showroom cost Rs. 60 per piano. Selling expenses and advertising are 10 percent of the selling price which is Rs. 3,150 in the case of Grade A and 3,885 in the case of Grade B. Write up a Cost Sheet showing the percentage of profit on total cost and selling price respectively on each Grade.

Q6 The product of a company passes through three distinct processes to completion. They are known as A, B and C. From past experience it is ascertained that wastage is incurred in each process as under:

Process A 2%; Process B 5%; Process C 10%. In each case, the percentage of wastage is computed on the number of units entering the process concerned.

The wastage of each process possesses a scrap value. The wastage of process A and B is sold at Rs. 5 per 100 units and that of process C at Rs. 20 per 100 units.

The output of each process passes immediately to the next process and the finished units are passed from Process C into stock. The following information is obtained:

	Process A (Rs.)	Process B (Rs.)	Process C (Rs.)
Materials consumed	6,000	4,000	2,000
Direct Labour	8,000	6,000	3,000
Manufacturing expenses	1,000	1,000	1,500

20,000 units have been issued to Process A at a cost of Rs. 10,000. The output of each process has been as under:

Process A 19,500; Process B 18,800; Process C 16,000.

There is no work-in-progress in any process.

Prepare Process Account making the calculations to the nearest rupee.

Q7 Write notes on:-

- Job v/s Batch Costing
- Escalation Clause
- Contract Profit and Loss A/C

Q8 Write notes on:-

- Normal profits
- Process Costing
- Abnormal loss

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END TERM EXAMINATION

SECOND SEMESTER [BBA] APRIL - MAY 2019

Paper Code: BBA-104

(Batch 2017 Onwards)

Subject: Quantitative Techniques

Time: 3 Hours

Note: Attempt any five questions.

Maximum Marks: 75

Q1 The following are the weekly wages in Rupee of 30 workers of a firm:

140	139	126	114	100	88	62	77	99	103	108	129	144
148	134	63	69	148	132	118	142	116	123	104	95	80
85	106	123	133									

The firm gave bonus of Rs. 10, 15, 20, 25, 30 and 35 for individuals in the respective salary slab: Exceeding 60 but not exceeding 75; Exceeding 75 but not exceeding 90; and so on upto Exceeding 135 but not exceeding 150.

- (a) Generate the classes and draw the histogram of the data. (6)
 (b) Find the average, standard deviation and quartile deviation of the bonus paid. (9)

Q2 (a) Find the missing values in the given table. (9)

Group ->	A	B	C	Combined
Number	50	?	90	200
Mean	113	?	115	116
Standard	6	?	7	7.746

- (b) Explain the following:- (6)
 (i) Lorenz curve
 (ii) IOR
 (iii) Ogive curves

Q3 (a) Find the Coefficient of Skewness (by Karl Pearson's method) for the following data: (10)

Class	10-20	20-30	30-40	40-50	50-60	60-70	70-80
Frequencies	5	9	13	21	20	15	8

(b) Distinguish between Spearman's and Karl Pearson's coefficient of correlation. (5)

Q4 The following data gives the Age(X) and Blood Pressure(Y) for the 8 persons. Calculate the two regression equations. Take $A_x=60$ and $A_y=60$. (15)

Age(X):	52	63	45	36	72	65	47	25
Blood Pressure (Y):	62	53	51	25	79	43	60	33

Q5 Solve the following LPP: (15)
 Maximize $Z = x_1 + 2x_2 + 3x_3$
 Subject to constraints:
 $2x_1 + x_2 + x_3 \leq 2$, $3x_1 + 4x_2 + 2x_3 \geq 8$, $x_1, x_2, x_3 \geq 0$

Q6 (a) Write the dual of the following:- (9)
 Max $Z = 7x_1 + 14x_2 + 6x_3 + 10x_4 - 3x_5$
 subject to conditions:
 $x_1 \leq 4000$
 $3x_2 + 2x_4 + x_5 \leq 6000$
 $x_1 + x_2 - 3x_3 \geq 4500$
 $x_3 + x_4 - 4x_5 \geq 3000$
 $x_1, x_2, x_3, x_4, x_5 \leq 0$

- (b) What are the advantages of duality? (3)
 (c) What is the meaning of shadow prices? (3)

Q7 Solve the following transportation problem using Vogel's Approximation Method later check its optimality. (15)

Plants	Distribution Centres				Availability
	D1	D2	D3	D4	
P1	19	30	50	12	7
P2	70	30	40	60	18
P3	40	10	60	20	10
Requirements	5	8	7	15	35

Q8 A computer center has 4 programmers. The centre needs four application programmes to be developed. The estimated computer time (in minutes) required by the different programmers to develop the application programmes is given below. (15)

Programmers	Programmes			
	A	B	C	D
1	120	100	80	90
2	80	90	110	70
3	110	140	120	100
4	90	90	80	90

Assign the Programmers to the Programmes in such a way that the total computer time is minimum. *****

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P.T.O.

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(Please write your Exam Roll No.)

Exam Roll No.

END TERM EXAMINATION

SECOND SEMESTER [BBA] MAY- JUNE 2019

Paper Code: BBA-106

Subject: E-commerce

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

- Q1 (a) The early years e-commerce can be considered both a success and a failure. Justify the statement. (8)
(b) Discuss the factors that contribute to e-commerce success. (7)
- Q2 (a) What is e-business model? Explain with suitable examples B2B, B2C, B2G and C2C models. (8)
(b) Discuss the e-transition challenges for an life insurance company. (7)
- Q3 (a) Describe how internet and web features and services support e-commerce. (8)
(b) Explain the following tags of HTML: (7)
(i) `<a>---` (ii) `<h2>---</h2>` (iii) `<dl>---</dl>`
- Q4 (a) How can the table be created in HTML? Explain with suitable example. (8)
(b) Create a form in HTML to take feedback of customer for the service of a restaurant. (7)
- Q5 Differentiate between:- (15)
(a) E-commerce and E-business
(b) Public key and Private key
(c) Static Website and Dynamic website
- Q6 (a) Compare and contrast online credit card payment and debit card payments. (8)
(b) Identify the key security threats that arise during e-commerce transaction. (7)
- Q7 (a) How does spoofing threaten a Website's operations? (8)
(b) How is e-banking related to e-commerce and m-commerce? (7)
- Q8 (a) Identify the industries who have taken full benefit of e-commerce. Justify your findings. (8)
(b) Discuss the ethical issues raised by e-commerce. (7)

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(Please write your Exam Roll No.)

Exam Roll No.

END TERM EXAMINATION

SECOND SEMESTER [BBA] APRIL - MAY 2019

Paper Code: BBA-110

Subject: Business Communication

BBA(B&I)-110 (Batch 2017 Onwards)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

- Q1 Explain how can you improve command over spoken and written English? Will effective listening accentuate this learning? (15)
- Q2 Explain various types of communication and its flow in the organization. (15)
- Q3 Differentiate between Etic and Emic approaches to understand different cultures? Which approach according to you is best to communicate effectively? (15)
- Q4 How can presentation be made effective? How a presenter can control boredom during presentation? Should videos be used as part of presentations? Justify. (15)
- Q5 You are applying for the job of Manager Marketing in an organization. Write your resume and application letter for the same. (15)
- Q6 Explain the functions and layout of various types of letters. (15)
- Q7 Differentiate between Circulars, Office Memorandums, and Office Orders while explaining purpose, format, language and tenses used for each of them. (15)
- Q8 Explain the role of technology as a boon and bane for communication. (15)

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