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END TERM EXAMINATION

SECOND SEMESTER [BBA] JULY 2023

Paper Code: BBA-102
BBA(B&I)-102

Subject: Cost Accounting

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

Q1 Answer **any five** from the following:- **(3x5=15)**

(a) Perpetual inventory system
(b) Taylor's Different Piece Rate System
(c) Idle time and its causes.
(d) Cost Centre
(e) Sunk cost
(f) Material losses
(g) Absorption and allocation of overheads

Q2 'Limitation of financial accounting have made the management realize the importance of cost accounting.' Comment. **(15)**

Q3 The PET Chemicals supplies you the following details from its cost records:- **(15)**

Stock of raw material on 1st September 2022	Rs. 85,000
Stock of raw material on 30th September 2022	Rs.81,500
Direct wages	Rs. 52,500
Indirect wages	Rs. 2,750
Sales	Rs. 2,00,000
WIP on 1st September, 2021	Rs. 28,000
WIP on 30th September, 2021	Rs. 35,000
Purchase of raw materials	Rs. 66,000
Factory rent, rates and taxes	Rs. 15,000
Depreciation of plant and machinery	Rs. 3,500
Expenses on purchase	Rs. 1,500
Carriage outward	Rs. 1,000
Advertising	Rs. 5,000
Office rent and taxes	Rs. 2,500
Travellers wage and commission	Rs. 6,500
Stock of finished goods on 1st September 2022	Rs. 54,000
Stock of finished goods on 30th September 2022	Rs. 31,000

Prepare the cost sheet giving the maximum possible break up of cost and profit

Q4 (a) A company uses 2,500 units of material per month. The cost of placing the order is Rs. 150. The cost per unit is Rs. 20. The reorder period is 4 to 8 weeks. The minimum consumption of raw material is 100 units whereas the average consumption is 275 units. The carrying cost of inventory is 20% per annum. You are required to calculate: **(7.5)**

(i) Re-order quantity
(ii) Re-order level.

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(b) Calculate EOQ and total cost of inventory from the following particulars. (7.5)

Annual Usage	20,000 units
Buying cost per order	Rs. 10
Cost per unit	Rs. 100
Cost of Carrying inventory	10% of cost

Q5 The standard output of a product has been fixed at 60 units per day of 8 hours. The normal wages per day is Rs. 150. Determine the total wages payable under: (15)

(i) Time Rate System
(ii) Rowan plan
(iii) Halsey plan.

When output is 50, 80, 120 and 150 units. Calculate the labour cost per unit in each case.

Q6 The following are some of the ways in which costs may be classified:- (15)

(a) Direct and indirect cost
(b) Variable and Fixed Cost
(c) Controllable and Uncontrollable cost

Q7 What do you understand by 'cost plus contracts' and 'escalation clause' in contract costing? (15)

Q8 Describe the general feature of process costing. In what type of industries is process costing generally adopted? Discuss with figures the method of treatment of process loss in process costing system? (15)

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END TERM EXAMINATION

SECOND SEMESTER [BBA] JULY 2023

Paper Code: BBA-104 **Subject: Decision Techniques for Business**

Time: 3 Hours **Maximum Marks: 75**

Note: Attempt any five questions.

Q1 (a) In a group of 1000 wage earners the monthly wages of 4% are below Rs. 60 and those of 15% are under Rs.62.50, 15% earned Rs. 95and over, and 5% get Rs. 100 and over. Find the median wage. (7)

(b) The means of two samples of series of 50 and 100 respectively are 54.4 and 50.3 and standard deviations are 8 and 7. Obtain the mean and standard deviations of the sample size 150 obtained by combining the two samples. (8)

Q2 (a) Determine the median wage graphically from the following data: (7)

Wages	No. of workers	Wages	No. of workers
700-800	4	1100-1200	12
800-900	6	1200-1300	7
900-1000	10	1300-1400	3
1000-1100	16		

(b) For the following data of the frequency of visit of customers in a shop in the month of April, year 2017, starting from 1st to 30th (Row wise). (8)

3	4	1	4	4
4	2	3	4	4
5	9	4	2	5
7	8	7	1	3
8	6	8	6	6
9	9	9	5	5

(i) Draw a frequency table and find the dates on which customer are more frequent.

(ii) Find the average number of visit in this month.

(iii) Which of the week showing more favorable visit for the customers?

Q3 (a) Prove that the Standard deviation is independent of any change of origin but is dependent on the change of scale. (7)

(b) Find the standard deviation and coefficient of variation from the following data: (8)

Wages	No. of workers	Wages	No. of workers
Up to Rs. 110	12	Up to Rs. 150	157
Up to Rs. 120	30	Up to Rs. 160	202
Up to Rs. 130	65	Up to Rs. 170	222
Up to Rs. 140	107	Up to Rs. 180	230

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Q4 (a) Given standard deviation with respect to data X is 3 and regression equations are (7)

$4X - 5Y - 33 = 0$

$20X - 9Y - 107 = 0$

Find (a) A.M of data X
(b) A.M of data Y
(c) Standard deviation of data Y
(d) Correlation coefficient.

(b) From the following table, find correlation coefficient between age and playing habit of students. (8)

Age (years):	15	16	17	18	19	20
No. of students:	250	200	150	120	100	80
Regular players:	200	150	90	48	30	12

Q5 (a) Define Regression. Why are there two regression lines? Under what conditions can there be only one regression line? (7)

(b) A consulting firm is preparing a study on consumer behavior. The company collected the following data in thousand rupees to determine whether there is a relationship between consumer income and consumption levels: (8)

Consumer No.	1	2	3	4	5	6
Income(Rs.)	300	350	320	400	295	315
Consumption(Rs.)	250	275	270	300	269	290

Calculate correlation coefficient for the above data. Write your comments about the correlation coefficient' value

Q6 (a) Solve the following LPP by graphical method: (7)

Minimize $Z = 4x + y$

Subject to the constraints: $3x + y = 3$, $4x + 3y \geq 6$, $x + 2y \leq 4$ and $x, y \geq 0$.

(b) Write the dual to the following LPP : (8)

Maximize $Z = 20x_1 + 15x_2 + 18x_3 + 10x_4$

Subject to the constraints: -

$4x_1 - 3x_2 + 10x_3 + 4x_4 \leq 60$

$x_1 + x_2 + x_3 = 27$

$-x_2 + 4x_3 + 7x_4 \geq 35$

$x_1, x_2, x_3 \geq 0$ and x_4 : unrestricted in sign

Q7 Maximize $Z = 80x_1 + 60x_2 + 30x_3$ (15)

Subject to constraints: $10x_1 + 4x_2 + 5x_3 \leq 2000$

$2x_1 + 5x_2 + 4x_3 \leq 1009$

$x_1, x_2, x_3, \geq 0$

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Q8 Given below is a transportation table taken from the solution process for a transportation problem

Factories	Distribution Centres 1	2	3	4	
A			(5000)		
	10	8	7	12	
B				(4500)	(1500)
	12	13	6	10	
C		(7000)	(500)		(1500)
	8	10	12	14	

Answer the following questions, giving brief answers (15)

(i) Is this solution feasible?
(ii) Is this solution degenerate?
(iii) Is this solution optimal? If not, find the optimal solution
(iv) Does the problem have alternative optimal solution?

Q9 A company has 4 machines to be assigned to 4 of the 5 workers available for the purpose. The expected production from each machine operated by each worker is given below: (15)

Expected Daily Production (in units) Workers

Machine	A	B	C	D	E
I	40	46	48	36	48
II	48	32	36	29	44
III	49	36	41	38	45
IV	30	46	49	44	47

Suggest optimum assignment of workers to machines.

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END TERM EXAMINATION

SECOND SEMESTER [BBA] JULY 2023

Paper Code: BBA-106
BBA(B&I)-106

Subject: Business Environment

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

Q1 Discuss the significance of the study of business environment in Indian context. **(15)**

Q2 What are the objectives of WTO? Explain the difference between GATT and WTO. **(15)**

Q3 a) What do you mean by FEMA? Explain the main provisions of this act.
b) Briefly explain the contribution of various sectors in Indian GDP. **(9+6)**

Q4 Explain the determination of National income through equality of saving and investment. Can this equilibrium be at less than full employment level? Discuss. **(15)**

Q5 Explain briefly classical theory of income and employment. How does this theory show that a free market economy automatically adjusts to full employment level? **(15)**

Q6 a) Critically examine the contribution of start-ups in Indian economy
b) Analyze the impact of "Swachh Bharat Abhiyan" on environment **(10+5)**

Q7 "The obvious aim of the monetary policy of a country is to attain equilibrium between saving and investment at the point of full employment". Discuss between saving and investment at the point of full employment". **(15)**

Q8 Discuss the 'Technical Leadership". Why few countries are leader technically while the others are follower? **(15)**

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END TERM EXAMINATION

SECOND SEMESTER [BBA] JULY 2023

Subject: E-Commerce

Paper Code: BBA-108
BBA(B&I)-110

(BATCH 2021 ONWARDS)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

Q1 Attempt **any three** questions in brief. [15]

(a) Define the terms: Web site, Web page, Web server, URL and home page.

(b) Compare Internet, Intranet & Extranet.

(c) Write a short note on Indian readiness for e-commerce.

(d) Explain the structure tags of HTML

(e) Explain in detail the E-transition challenges for Indian corporate

Q2 (a) Discuss the ethical issues related to E-Commerce. Explain the cryptography and digital signature.

(b) Explain different types of E-payment systems with their advantages and disadvantages. [7, 8]

Q3 (a) Explain the following tags
1. <IMG> 2. <PRE> 3. <STRONG> 4. <DIV>

(b) Write HTML code for the below table.

Roll No	Name	Course	Marks		
			Internal	External	Total
142	abc	bba	20	60	80
654	xyz	bca	15	65	80

[8, 7]

Q4 (a) What are frames? Describe any two attributes of frame with example

(b) Explain the use of Anchor tag with all possible attributes and give example with bookmark. [8, 7]

Q5 (a) How does spoofing threaten a website's operations?

(b) Design a Student registration form in HTML? Take your own assumptions for form fields. [5, 10]

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BBA-108/BBA(B&I)-110

(a) Whether E-Commerce and E Business are same or different? Justify your answer.

(b) Explain the various models of E Commerce with the help of an example. [7, 8]

(a) Explain the following attributes of form tag
(i) Method (ii) Action

(b) Write HTML code for creating a registration a user, user will provide the information like: name, DOB, gender, password, confirm password and hobbies. [5, 10]

[15]

Differentiate between the following:

(a) E-Commerce and Mobile Commerce

(b) Public Key and Private Key

(c) Static Website and Dynamic Website

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END TERM EXAMINATION

SECOND SEMESTER [BBA] JULY 2023

Paper Code: BBA-110 *Subject: Business Communication*

Time: 3 Hours *Maximum Marks: 75*

Note: Attempt any five questions.

Q1 Write Short notes on (**any three**) (3x5=15)

(a) Types of Presentation
(b) Types of Reports
(c) Notice
(d) Agenda

Q2 "Communication is two-way process". Explain the process of communication? (15)

Q3 Explain the objective and function of business communication? Explain the 7C's of Good Communication. (15)

Q4 Explain the impact of Globalization on Organizational and multicultural communication. (15)

Q5 What are the barriers in cross cultural communication and how can they be overcome? (15)

Q6 Draft an application for the post of Company Secretary and then an appointment letter in a large Public Limited Company? (15)

Q7 Write a letter of complaint to an automobile company complaining about a defect in the vehicle you have bought and seeking appropriate relief (15)

Q8 What is Report? Discuss the characteristics of a good Report What guidelines should be followed while writing a project report? (15)

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END TERM EXAMINATION

SECOND SEMESTER [BBA] JUNE 2024

Paper Code: BBA-102
BBA(B&I)-102

Subject: Cost Accounting

Time: 3 Hours

Maximum Marks: 60

Note: Attempt five questions in all including Q.No1 which is compulsory.

Q1 Answer **any four** from the following:- **(4x5=20)**

(a) Function of Cost Accounting
(b) What is reorder level?
(c) Idle time and its causes.
(d) Economic Order Quantity
(e) How Abnormal gain in cost accounts.
(f) Short note on Material losses
(g) Absorption and allocation of overheads

Q2 What do you understand by cost accounting? How does it differ in technique and procedure from financial accounting? Give an example also. **(10)**

Q3 With respect to a factory, following particulars have been extracted for the year 2020: **(10)**

Cost of materials	Rs. 6,00,000
Wages	Rs. 5,00,000
Factory overheads	Rs. 3,00,000
Administration charges	Rs. 3,36,000
Selling charges	Rs. 2,24,000
Distribution charges	Rs. 1,40,000
Profit	Rs. 4,20,000

A work order has to be executed in 2021 and estimated expenses are:

Material Rs. 8,000, Wages Rs. 5,000

Assuming that in 2021 the rate of factory overheads has gone up by 20%. Distribution charges have gone down by 10% and selling and administration charges have each gone up by 15%. At which price should the product be sold so as to earn the same rate of profit as in 2020? Factory overheads are based on wages and administration, selling and distribution overheads on factory cost.

Q4 The history of receipt and issue of coal on different dates of a particular month are as follows: **(10)**

Jan 1st	opening balance	40 tons@ Rs. 45 per ton
Jan 2nd	Issued	16 tons
Jan 5th	Purchased	60 tons@ Rs. 46 per ton
Jan 7th	Issued	30 tons
Jan 10th	Purchased	50 tons@ Rs. 47 per ton
Jan 12th	Issued	48 tons
Jan 15th	Issued	40 tons

How the various issues are to be priced under:
(a) First in First Out, (b) Last in Last Out, (c) Weighted Average

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P.T.O.

Q5 A worker produced 200 units in a week's time. The guaranteed weekly wage payment for 45 hours is Rs. 81. The expected time to produced one unit is 15 minutes which is raised further by 20 % under the incentive scheme. What will be the earnings per hour of that worker under Halsey (50% sharing) and Rowan bonus Schemes? **(10)**

Q6 Distinguish between job costing and contract costing. State the special features of contract costing. **(10)**

Q7 Zewaraat Ltd. has undertaken the construction of a bridge over the river Narmada for a Municipal Corporation. The value of the contract is Rs. 12,50,000, subject to a retention of 20% until one year after the certified completion of the contract, and the final approval of the corporation's engineer. The following details as shown in the books on 30th June, 2021:

Labour on site	Rs. 4,05,000
Materials direct to site less returns	Rs. 4,20,000
Materials from store	Rs. 81,200
Hire and use of plant-plant upkeep account	Rs. 12,100
Direct Expenses	Rs. 23,000
General overhead allocated to the contract	Rs. 37,100
Material in hand on June 30,2016	Rs. 6,300
Wages accrued on June 30,2016	Rs. 7,800
Direct expenses accrued on June 30,2016	Rs. 1,600
Work not yet certified at cost	Rs. 16,500
Amount certified by the Corporation Engineer	Rs.11,00,000
Cash received on account	Rs. 8,80,000

Prepare (a) contract account, (b) contractee's account and (c) show how the relevant items would appear in the balance sheet. **(10)**

Q8 Describe the general features of process costing. Give names of three industries where process costing can be applied. **(10)**

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END TERM EXAMINATION

SECOND SEMESTER [BBA] JUNE 2024

Paper Code: BBA-104	***Subject: Decision Techniques for Business***
Time: 3 Hours	***Maximum Marks: 60***

Note: Attempt all questions as directed. Internal choice is indicated.

Q1. Attempt **any four** of the following questions: (4x5 =20)

a. Importance and Limitations of Statistics
b. Descriptive Statistics and Inferential Statistics
c. Types of Correlation with examples
d. Use of Bar Diagram and Pie Diagram
e. Exclusive and Inclusive Class Interval
f. Concept and Structure of Linear Programming Problem
g. Absolute and Relative Measures of Dispersion

Q2. The following table gives the frequency distribution of expenditure on education per family per month among middle class families in two cities. Find the arithmetic mean and standard deviation of the expenditure of two cities. Which of the two cities show greater variability? (10)

Expenditure (in '000)	Number of families	
	City A	City B
3-6	28	39
6-9	292	284
9-12	389	401
12-15	212	202
15-18	59	48
18-21	18	21
21-24	2	5

OR

Q3. 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: (10)

JOBS→ Workers	W	X	Y	Z
A	1000	1200	400	700
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.

Q4. Solve the following Linear Problem using Graphical Method. (10)

Maximise $z = 3X + 2Y$

Subject to the restrictions:

$2X + Y \leq 40$

$X + Y \leq 24$

$2X + 3Y \leq 60$

OR

Q5. Solve the following LPP using simplex method. (10)

Maximize $Z = 40x_1 + 30x_2$

Subject to : $x_1 + x_2 \leq 12$

$2x_1 + x_2 \leq 16$

$x_1 \geq 0; x_2 \geq 0$

P.T.O.

Q6. Determine the initial feasible solution for the following transportation problem using North-West Corner Method, Least Cost Method and Vogel's Approximation Method. Which of these methods give the least cost? **(10)**

	Warehouse				
Plant	X	Y	z	W	**Supply**
A	3	2	5	2	15
B	2	1	4	4	24
C	2	3	4	3	21
Demand	13	12	16	19	60

OR

Q7. Explain the transportation model. Discuss the three methods for finding initial basic feasible solution. **(10)**

Q8. Calculate the Spearman's Rank Correlation for the following data. **(10)**

Mathematics	14	15	17	12	16	11	18	9	10
Accountancy	4	12	8	10	2	5	9	3	7

OR

Q9. What do you mean by Regression? The following table gives the experience of machine operator (x) and their performance rating (Y) as given by the number of parts out of 100 pieces. Calculate the regression line of performance rating (Y) on Experience (X) and estimate the probable performance of operator who has 7 years of experience. **(10)**

Operator Experience (X)	16	12	18	4	3	10	5	12
Performance Rating (Y)	87	88	89	68	78	80	75	83

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END TERM EXAMINATION

SECOND SEMESTER [BBA] JUNE 2024

Paper Code: BBA-106 **Subject: Business Environment**
BBA(B&I)-106

Time: 3 Hours **Maximum Marks: 60**

Note: Attempt any five questions.

Q1 Explain the influence of economic, political and natural environment on business. **(12)**

Q2 What are the methods of measuring national income? What conceptual problems arise in estimating national income? **(12)**

Q3 Discuss the functioning of the WTO. Justify the membership of it for India. **(12)**

Q4 a) Explain the Classical theory of employment? On what grounds Keynes criticized it? **(8)**
b) Explain the relationship between saving and investment function. **(4)**

Q5 Discuss the main instruments of fiscal policy in economic stabilization? **(12)**

Q6 a) Describe the salient features of a business. **(6)**
b) What are the limitations of environment analysis? **(6)**

Q7 What is capital formation? Why it is necessary for the economic development of a country? What are the reasons behind the low capital formation in India? **(12)**

Q8 a) Why is the problem of unemployment a part of the subject matter of economics? **(6)**
b) Explain the scope of macro economics. **(6)**

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END TERM EXAMINATION

SECOND SEMESTER [BBA] JUNE 2024

Paper Code: BBA-108
BBA(B&I)-110

Subject: E-Commerce

Maximum Marks: 60

Time: 3 Hours

Note: Attempt all questions as directed. Internal choices are indicated.

(4x5=20)

Q1 Write short notes on **any Four** of the following:

a) HTML Forms and Control
b) Encryption and Decryption in E-Commerce
c) Mobile Commerce
d) Electronic Payment Systems (EPS)
e) Regulatory and ethical issues
f) Indian readiness for E-Commerce
g) E-Commerce Environment
h) Electronic Fund Transfer (EFT)

Q2 Discuss the advantages and disadvantages of E-Commerce with suitable examples from business domain? Also, explain the types of E-commerce? **(10)**

OR

Q3 Discuss the various electronic commerce models with suitable examples? Also, explain the various challenges in electronic commerce environment? **(10)**

Q4 Discuss the importance of HTML in E-commerce evolution and utilities with suitable examples? Also, explain the role of multimedia component of HTML? **(10)**

OR

Q5 Illustrate through a webpage layout of an electronic commerce company, the importance of hyperlinks, frames, text formatting features? **(10)**

Q6 Illustrate various infrastructural issues and risks in electronic payment systems (EPS) with suitable examples? Also, discuss its mitigation plans if any? **(10)**

OR

Q7 Discuss the concept of electronic commerce security environment? Also, discuss the various types of security threats and its remedies? **(10)**

Q8 Discuss the electronic commerce application utilities in various industry segments, highlight some of the key benefits with suitable examples? **(10)**

OR

Q9 "Mobile Commerce has changed the way of doing business", Justify it with suitable example? Also, discuss it with economic and social consideration? **(10)**

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END TERM EXAMINATION

SECOND SEMESTER [BBA] JUNE 2024

Paper Code: BBA-110 **Subject: Business Communication**

Time: 3 Hours **Maximum Marks: 60**

Note: Attempt all questions as directed. Internal choice is indicated.

Q1 Write a short note on **any four** of the following questions: **(4x5=20)**

a) Need for departmental communication
b) Need for effective feedback
c) Wheel network of communication
d) Importance of effective communication
e) Types of feedback
f) Horizontal vs Diagonal Communication
g) Barriers to communication
h) Tips for effective report writing

Q2 What is business communication? What are the different communication types (direction, network etc.) that are found in the business context? **(10)**

OR

Q3 A significant amount of communication in organizations is oral. Discuss the key elements of professional talking and professional voice. Also, what guidelines should be followed by someone who is in-charge of a meeting. **(10)**

Q4 Explain in detail the process of communication. Give an appropriate diagram. **(10)**

OR

Q5 What do you understand by effective presentation? How to make a presentation effective and engaging? **(10)**

Q6 The focus on ethics in business should not be compromised. What ethical and legal considerations affect business communication? **(10)**

OR

Q7 Elaborate on the principles of effective writing. **(10)**

Q8 Write a follow-up letter to the HR of an organization you recently appeared to for a job interview. Using the same explain the parts of a letter. **(10)**

OR

Q9 What factors to consider when communicating bad-news/negative messages? How are they different from routine and positive messages? **(10)**

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