

(Please write your Exam Roll No.)

Exam Roll No. 03524401719

END TERM EXAMINATION

FIRST SEMESTER [BBA] NOVEMBER-DECEMBER 2019

Paper Code: BBA-101 Subject: Management Process & Organizational
BBA (B&I)-101 Behaviour
[BATCH 2017 ONWARDS]

Time: 3 Hours

Maximum Marks: 75

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

- Q1 "Management is both of Arts and Sciences." Discuss the statement. Describe Mintzberg's managerial roles.
- Q2 What are the important sources of conflict between line and staff managers? How do you resolve these conflicts?
- Q3 Explain the different personality traits and their impact on behavior?
- Q4 Explain Herzberg's Two Factor Theory and differentiate it from Maslow's Theory of Need Hierarchy?
- Q5 What is employee empowerment and participation? How does it help the organization to improve?
- Q6 What is organization culture? Discuss the role and impact of culture in an organization in the modern multi-cultural scenario?
- Q7 Are leaders and managers different from each other? What are the basis of Trait theories? What traits are associated with leadership?
- Q8 Write short notes on the following (Any two):-
(a) Techniques of Controlling
(b) Absolute rationality in decision making is an illusion
(c) Delegation vs. Decentralization of Authority
(d) Stages of group Development

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FIRST SEMESTER [BBA] NOV-DEC-2019

Paper Code: BBA-103

Subject: Business Mathematics

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any Six questions.

Q1 a) The third and thirteenth terms of an A.P are respectively equal to -40 and 0. Find the A.P and its 20th term. (6)

b) The sum of three numbers in a G. P is 38 and their product is 1728. Find them? (6.5)

Q2 a) If $A = \begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$ and $B = \begin{bmatrix} 0 & 1 \\ -1 & 1 \end{bmatrix}$, show that $(aA+bB)(aA-bB) = (a^2+b^2)A$. (6)

b) Solve the following system of equations using Cramer's Rule
 $5x-7y+z=11$
 $6x-8y-z=15$
 $3x+2y-6z=7$. (6.5)

Q3 a) For the following translation matrix, find the gross output for each industry for the final demand 18 and 44 units respectively (6.5)

Industry	Input to		Final demand
	I	II	
I	16	20	4
II	8	40	32

b) Differentiate with respect to x
i) $e^{3x}(\log x) \cdot \sin x$. (ii) $(\sin x)^{\log x} + (\log x)^{\cos x}$. (2+2+2)

Q4 a) Check for maxima or minima for the function $Z = 4x^2 - xy + y^2 - x^3$. (6.5)

b) Find the intervals on which the following function is increasing or decreasing $f(x) = x^4 - 8x^3 + 22x^2 - 24x + 1$. (6)

Q5 a) If $x = t \log t$ and $y = \frac{\log t}{t}$, find $\frac{dy}{dx}$ at $t=1$. (6)

b) Differentiate $\sin x$ with respect to $\log x$. (6.5)

Q6 Find (4+4+4.5)

i) $\int \frac{dx}{(e^x - 1)^2}$ (ii) $\int \frac{x^2 + 1}{x^4 + 1} dx$ (iii) $\int_0^{\pi/2} \frac{dx}{4 + 5 \sin x}$

Q7 a) If the total cost function for a commodity is given by $C(x) = \frac{1}{3}x^3 + 3x^2 - 7x + 16$, where x is the quantity of output, show that

$\frac{d}{dx}(AC) = \frac{1}{x}(MC - AC)$. (6)

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b) Suppose that marginal cost of a product is given by $25+30x-9x^2$ and fixed cost is proven to be 55. Find the total cost and average cost functions.

(6.5)

Q8 A firm has the following total revenue and total cost functions

$TR=100x-x^2$. $TC= x^3 - \frac{57}{2}x^2$, where x is the output. Find maximum profit.

(12.5)

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FIRST SEMESTER [BBA] NOV-DEC-2019

Paper Code: BBA-105

Subject: Financial Accounting and Analysis

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

Q1 (a) Explain the role of Accounting as an Information System.

b) Differentiate between Book-keeping and Accounting.

(10+5=15)

Q2 a) Explain any two accounting concepts.

b) Explain the progress made in India for convergence of accounting standards with IFRS.

(10+5=15)

Q3 a) The following are the extracts from the Trial Balance of a firm.

**Trial Balance
As on 31st December, 2017**

Particulars	Dr.	Cr.
Furniture and Fixtures	10,000	
Plant and Machinery	40,000	

Additional Information:

i) Furniture of Rs. 5,000/- was purchased on 1st July, 2017. Charge depreciation @ 10% p.a.ii) Plant of Rs. 10,000/- was acquired on 1st July, 2017. charge depreciation @20%.

Pass the necessary journal entries and show how the items will appear in the Firm's Final Accounts.

b) Differentiate between a Trial Balance and Balance Sheet.

(10+5=15)

Q4 The following are the balances of Johori Albhushan Bhandari Co. Ltd. as on 31st March, 2017:

Debit	Rs.	Credit	Rs.
Premises	30,72,000	Share Capital (of Rs. 10 each)	40,00,000
Plant	33,00,000	12% Debentures	30,00,000
Stock	7,50,000	P&L A/c	2,62,500
Debtors	8,70,000	Bills Payable	3,70,000
Goodwill	2,50,000	Creditors	4,00,000
Cash and Bank	4,06,500	Sales	41,50,000
Calls in Arrear	75,000	General Reserve	2,50,000
Interim Dividend Paid	3,92,500	Bad Debt. Provision on	35,000
Purchases	18,50,000	1.04.2016	
Preliminary Expenses	50,000		
Wages	9,79,800		
General Expenses	68,350		
Salaries	2,02,250		
Bad Debts	21,100		
Debentures Interest Paid	1,80,000		
	1,24,67,500		1,24,67,500

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Additional Information:

- a) Depreciation Plant by 15%
 - b) Half year's Debenture Interest due.
 - c) Credit 5% Provision on Debtors for Doubtful Debts.
 - d) Provide for Income Tax @ 50%
 - e) Stock on 31st march 2017 was Rs. 9,50,000.
 - f) A claim of Rs. 25,000 for workmen's compensation is being disputed by the company.
- Prepare Final Accounts of the company as per Schedule III to the companies Act, 2013. (15)

Q5 a) Explain the purpose of providing for depreciation. Should depreciation be charged on replacement cost?

b) State the basic principles governing depreciation as per AS 10: "Property, Plant & Equipment"

(10+5=15)

Q6 X Ltd. issued a prospectus offering 2,00,000 equity shares of Rs. 10 each on the following terms:

On application	Rs. 1 per share
On allotment (including premium of Rs. 2)	Rs. 3 per share
On first call (three months after allotment)	Rs. 4 per share
On second call (three months after allotment)	Rs. 4 per share

Subscriptions were received for 3,17,000 shares on 23rd April and allotment made on 30th April was as under:

	Share allotted
i) Allotments in full (two applicants paid in full on allotment in respect of 4,000 share each).	38,000
ii) Allotment of 2/3 of shares applied for	1,60,000
iii) Allotments of 1/4 of shares applied for	2,000

Cash amounting to Rs. 31,000/- (being application moneys received with applications for 31,000 shares upon which no allotment was made) was returned to applicants forthwith. The amount due were received on due dates except with the final call on 100 shares. These shares were forfeited on 15th November and reissued to A on the 16th on payment of Rs. 9 per share. The company adopted table F as its articles.

You are required to give the necessary journal entries (without narratives) and also show how the transactions would appear in the Company's Balance Sheet. Assume that interest on calls in advance was paid by the company on 30th October in cash. (15)

Q7 a) Explain the provisions of The companies Act, 2013, regarding creation of Debentures Redemption Reserve.

b) A Ltd. has a share capital of 5,000 equity shares of Rs. 100 each, having a market value of Rs. 150 per share. the company wants to raise additional funds of Rs. 1,20,000 and offers to the existing shareholders the right to apply for a new share at Rs. 120 for every five shares held. You are required to calculate the value of a right. (5+10=15)

Q8 Write short notes on any three of the following:- (3x5=15)

- a) Green Accounting
- b) Human Resource Accounting
- c) Social Responsibility Accounting.
- d) Security Exchange Board of India
- e) Price-level Accounting.

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FIRST SEMESTER [BBA] NOVEMBER -DECEMBER 2019

Paper Code: BBA 107

Subject: Business Economics

BBA(B&I) 107

Time : 3 Hours

Maximum Marks :75

Note: Attempt any five questions.

- Q1. Explain the subject matter of business economics? While describing the nature and scope of business economics, mentions its significance for corporate decision making. (15)
- Q2. Explain the following: (5x3=15)
- Marginal Analysis and its limitations
 - Opportunity cost
 - Time value of money
- Q3. Discuss kinds of income and cross elasticity of demand. How the knowledge of income and cross elasticity of demand does help the managers to take appropriate decisions? (15)
- Q4. What are the various methods of demand forecasting? Discuss its importance in taking rational and strategic decisions in business world. (15)
- Q5. Give a detailed note on different kinds of law of returns to scale (long run production analysis) with the help of iso-quants. Also describe the causes of the operations of these laws with their scope. (15)
- Q6. Specify a model of production of mobile phones in the economy like India. Show how a producer can establish an optimum combination of resources and achieve equilibrium through high sale or high level of profit. (15)
- Q7. Write short notes on the following: (5x3=15)
- Internal and external economies of scale for Jio mobile phones.
 - Private and social cost of Delhi metro.
 - Price rigidity in oligopolistic markets (with real business examples).
- Q8. Monopoly always makes obstruction in the target of achieving high business and welfare. In light of this statement, discuss the public policies adopted by the government towards the management of monopoly practices for the growth of business and welfare. (15)

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FIRST SEMESTER [BBA] NOVEMBER-DECEMBER-2019

Paper Code: BBA-109

Subject: Computer Applications

BBA(B&I)-109

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions including Q. No. 1 which is compulsory.

- Q1 a) Explain how RAM, ROM and CPU interact with each other
 b) Discuss the capabilities of MS Excel
 c) Explain the functions of operating system
 d) Describe the components of data communication
 e) Discuss the applications of information technology in inventory control and hotel management (5x5=25)

- Q2 a) Discuss the characteristics of fourth and fifth generation computers. (6.5)
 b) Explain the applications of super computers, mainframe computers and micro computers (6)

- Q3 a) Explain the working of time sharing and real time operating systems. (6)
 b) "Compare and contrast among high level language, assembly level language and machine level language. Which language is user friendly? Justify your answer. (6.5)

- Q4 a) Explain how data is analyzed using pivot tables? (5)
 b) List and explain five mathematical functions and five statistical functions available in MS Excel. (7.5)

- Q5 Differentiate between: (2.5x5=12.5)
 a) Primary memory and secondary memory
 b) Compiler and Interpreter
 c) Intranet and Extranet
 d) Control unit and ALU
 e) Copper wire and optical fiber

- Q6 a) What are the advantages of having computer networks? (5)
 b) Describe the functions of internet (7.5)

- Q7 a) Describe the functions of each layer of OSI model (7.5)
 b) What are the advantages and disadvantage of bus topology over ring topology? (5)

- Q8 Write note on the following:
 a) Use of ROM (4)
 b) Relationship between drive name, directory and file (4)
 d) Working of router (4.5)
