

Managed by Jivan Jyot Trust, Amroli
GIA – B. A. / B. Com. / M. A. / M. Com.
SFI – B.B.A. / B.C.A. / B. Com.
Additional SFI Division (Women's) B. Com.
Internal Test – 2019
B. Com. Sem. – I (English Medium)
Environmental Studies

Date : 21/9/2019
Time : 11:00 TO 12:30

Roll No. :
Total Marks : 35

1. Define “Natural Resources” & Explain its types, Importance & its conservation in detail. (12)

OR

Explain the different energy sources in detail its conservation in detail.

2. Discuss the components of ecosystem in detail. (12)

OR

Explain Forest ecosystem and water ecosystems

3. Explain Food technologies, its importance and merits & demerits of it. (11)

OR

Explain importance of bio diversity & threats to Bio-diversity.



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Additional SFI Division (Women's) B. Com.
Internal Test – 2019
B. Com. Sem. – I (English Medium)
Business Economics

Date : 23/9/2019

Time : 11:00 TO 12:30

Roll No. :

Total Marks : 35

1. (a) Explain the Law of demand. **(06)**

1. (b) Discuss the types of price elasticity of demand. **(06)**

OR

1. (a) Explain the determinants of demand. **(06)**

1. (b) Discuss the trend method of demand forecasting. **(06)**

2. What is elasticity of supply ? Explain the types of elasticity of supply with diagram. **(12)**

OR

2. Explain the Law of variable proportion. **(12)**

3. Explain the cost output relationship in the short run. **(11)**

OR

3.(a) Discuss the criteria for an ideal method of demand forecasting **(06)**

(b) Explain the characteristic of long run average cost with the help of diagram. **(05)**



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 Internal Test- September- 2019
 B.Com. Sem.-I

Statistics for Business- 1

Date : 24-09-2019

Marks : 35

Time : 11.00 TO 12.30

Seat No.....

1. (a) The probability of winning a race for two horses x and y is respectively $\frac{1}{2}$ and $\frac{1}{3}$ If both horses are (i) in the same race (ii) in different races then find the probability that at least one horse can win the race. (05)
- (B) From 1000 students of an institution there are 750 boys and the rests are girls. From their exam report , it is observed that 600 boys pass and 50 girls fail. Calculate Yule's co-efficient of association between boys and success in the exam. (05)
- (C) If $f(x) = 2x^3 - 15x^2 + 36x + 10$, find maximum and minimum values of $f(x)$ (05)

OR

1. (a) If $P(A_1) = 2P(A_2) = P(A_1/A_2) = 0.6$ then find the probability of the following events (i) A_1 and A_2 both occur (ii) At least one happen (iii) None of A_1 and A_2 occur (05)
- (b) From the following data discuss the type of association between persons residing in an industrial area and suffering from asthma using (i) proportional method (ii) Method of comparing observed and expected frequencies. (05)
 Out of sample of 360 persons , 200 ware residing in industrial area.
 In all 80 persons were suffering from asthma and of them 60 were from industrial area.
- (c) Find derivative with respect to x
 - (i) $y = 3e^x + 5^x + 3x^2 + 3$ (02)
 - (ii) $y = (x^2 + 1)(x + 1)$ (03)
2. Draw \bar{x} and R charts for the following data and state your conclusion. (10)

Sample No.	1	2	3	4	5
1	18	22	24	25	26
2	25	23	22	23	22
3	23	24	21	22	20
4	19	22	21	26	27
5	20	20	24	22	24
6	19	21	21	20	19
7	18	19	20	21	22
8	26	27	24	23	20
9	26	26	25	24	24
10	24	23	25	21	22

$(A_2 = 0.58 , D_3 = 0 , D_4 = 2.11)$

OR

2. Draw \bar{x} and R charts for the following data and give your findings. (10)

Serial No.	observations				
	I	II	III	IV	V
1	77	80	78	72	78
2	76	79	73	74	73
3	76	77	72	76	74
4	74	78	75	77	76
5	80	73	75	76	76
6	81	76	76	78	79
7	75	77	75	76	77
8	79	75	78	78	75
9	76	75	74	75	75
10	73	73	71	71	74

($A_2 = 0.58$, $D_3 = 0$, $D_4 = 2.12$)

3. Answer the following questions (any Two) (10)

(1) Give definition of (i) Mutually exclusive events (ii) Mathematical definition of probability.

Give limitations of Mathematical definition of probability.

(2) Explain different types of association, in association between two attributes.
(3) Describe construction and uses of \bar{x} - R chart.

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Internal Test – 2019
B. Com. Sem. – I (English Medium)
English (Core Compulsory) : Language through Literature

Date : 25/09/2019
Time : 11:00 TO 12:30

Roll No. :
Total Marks : 35

1. (a) Compare Phatik's life in the village with his life. (13)

OR

(b) Describe the chief principles and guidelines that have helped Nooyi achieve her ambitions.

2. **Write a paragraph on the given topic (Any one) (12)**

- (a) A decision that changed my life
- (b) Women empowerment

3. **Write an essay on Soft skills (Any one) (10)**

- (a) "Leadership skills"
- (b) "Team work"



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Internal Test – 2019
B. Com. Sem. – I (English Medium)
Financial Accounting-1

Date : 26/9/2019
Time : 11:00 TO 12:30

Roll No. :
Total Marks : 35

1. Heena and Megha are partners, sharing profit and loss in the ratio 3:2. The balance sheet of the firm on 31-3-18 is as under. (14)

Liabilities	Rs.	Asset	Rs.
Capital:		Building	2,80,000
Heena	4,20,000	Land (50% of market price)	1,33,200
Megha	2,80,000	Machinery	3,33,000
Profit & Loss A/C	60,000	Stock	1,32,000
Workman's compensation fund	80,000	Debtors	98,000
Creditors	1,30,000	Cash	55,800
Provident fund	15,000		
Outstanding exp.	47,000		
	10,32,000		10,32,000

On 1-4-18 the above firm was converting into the Pratik Ltd. On the following terms.

- (1) The company took over all the assets and liabilities except cash and debtors.
 - (2) Goodwill is valued at Rs. 48,000.
 - (3) Out of stock $\frac{1}{11}$ part of stock valued at zero, where as remaining of the stock 10% more.
 - (4) Provide 20% depreciation on machinery.
 - (5) Decrease the value of building up to Rs. 2,50,000
 - (6) Company will take over land at market value.
 - (7) A claim of compensation for an accident to a worker is now accepted by firm and paid for Rs.20, 000.
 - (8) Debtors realized Rs.93, 800
 - (9) Realization expenses amounted to Rs. 3,400
- 60,000 equity shares each of Rs. 10 at 10% premium and remaining amount in cash paid by the company. The creditors accept 11% debentures of Rs.100 each in full settlement of 90% of their claims from the company. shares were shared by partners their profit sharing ratio.
- Prepare:
- (1) Realization A/C
 - (2) Partner's capital Accounts
 - (3) Cash Account

OR

1. Ram and Shivam are partners in a firm sharing profit and loss in the ratio 3:2. The balance sheet of their firm as on 31-3-17 as under: (14)

Liabilities	Rs.	Assets	Rs.
Capital Accounts		Machinery	85,000
Ram 1,50,000		Furniture	75,000
Shivam <u>1,10,000</u>	2,60,000	Investments	60,000
General reserve	30,000	Stock	1,20,000
Provident fund	40,000	Debtors	80,000
Creditors	90,000	Dena bank	20,000
Workers accident comp. fund	20,000		
	<u>4,40,000</u>		<u>4,40,000</u>

On 1-4-17 the firm was converted in to Kirti Ltd. under the following condition:

- (1) The company will take over all the assets and liabilities except furniture and bank balance.
- (2) The company will take Machinery and stock at their market value. Machinery shown in the balance sheet is 15% less than the market price and stock shown in the balance sheet is 20% more than market price.
- (3) Provide bad debt reserve on debtors at 10%.
- (4) Company agreed to pay Rs. 50,000 for goodwill.
- (5) Against purchase price, the company will give 22,000 equity shares of Rs.10 each at 10% premium and balance in cash.
- (6) Furniture realized Rs. 58,000 and dissolution expense amounted to Rs. 4,000.
- (7) Out of shares received from the company 7,000 shares were sold at Rs.12 per share and remaining shares were shared by their profit sharing ratio.

From the above information prepare necessary Accounts.

2. Rinku of Surat has a branch in Baroda. The head office sends goods to branch at an invoice price by adding 25% profit on cost. The branch does cash as well as credit sales. All the expenses of the branch are paid by the head office. The head office sends the petty cash for petty expenses. The cash collected by the branch is credited to the bank account of head office daily. After considering the following information prepare Branch Account, Branch Trading Account and Profit & Loss Accounts in the books of head office for the year ended 31st December 2017 (14)

Particulars	1-1-2017	1-1-20018
Stock of goods	1, 00,000	50,000
Debtors	50,000	40,000
Petty cash	500	200
Furniture	30,000	?
Prepaid insurance	500	700
Unpaid salary	1,000	1,000
Transactions during the year		Rs.
Goods (invoice sent to branch price)		2, 00,000
Furniture sent to branch (1-7-2016)		10,000
Petty cash sent to branch		700
Goods return to branch (invoice price)		10,000
Cash sales		1, 30,000

Total sales		3, 00,000
Discount allowed to the debtors		4,000
Bad debts		1,000
Goods return by debtors		3,000
Discount disallowed to debtors		1,000
Bad debts returned		1,500
Goods destroyed by fire (invoice price)		5,000
(Insurance co. accepted 50% claim)		

Expenses	Received from H.O. Rs.	Paid by branch.
Carriage & wages	5,000	3,500
Salary	12,000	10,000
Rent & Tax	6,000	5,000
Insurance	1,200	1,200

Provide depreciation on furniture at 10% per annum.

OR

2. From the following balances Vehan Ltd. as on 31-3-2018 prepare their Balance sheet as per schedule III of Company Act, 2013 : **(14)**

	Rs.
Loose Tools	1, 46,700
Machinery	16,20,000
Computer Software	74,925
11% investment in PM Ltd.	2,20,500
Advertisement suspense A/C	27,000
Stores and spare parts	90,180
Accrued interest on investment	45,900
Cash & Bank	20,700
Office equipment	4,32,540
Debtors	1,71,000
Equity share capital	13,50,000
8% preference share capital	4, 95,000
Mortgage loan	2,79,000
General reserve	3,73,500
Creditors	1,26,000
Bills payable	25,650
Creditors	32,400
Cash credit	67,500
Provision of taxation	23,895
Staff welfare fund	76,500

Write short notes (any two)

3. **(07)**
1. Net Asset method
 2. Realization Account
 3. Difference between dependent branch and independent branch
 4. Non-current asset



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Internal Test – 2019
B. Com. Sem. – I (English Medium)
Elements of Banking & Insurance - I

Date : 27/9/2019

Time : 11:00 TO 12:30

Roll No. :

Total Marks : 35

1. (a) Explain the traditional functions of Modern commercial Banks. **(07)**

1. (b) Importance of Banks in Indian Economy **(06)**

OR

1. Give the meaning of Co-operative Banks & Explain the features of Co-operative Banks **(13)**
with its three-tire structure.

2. (a) Explain the principle of Indemnity. **(06)**

2. (b) Explain the characteristics of Life Insurance and General Insurance. **(06)**

OR

2. What is Insurance ? Explain its Advantages & procedure of taking Life Insurance Policy. **(12)**

3. Short notes : (Any two) **(10)**

1. Endowment Policy

2. Annuity

3. Functions of Co-operative Banks



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Internal Test – 2019
B. Com. Sem. – I (English Medium)
Business Administration

Date : 28/9/2019

Roll No. :

Time : 11:00 TO 12:30

Total Marks : 35

1.(A) What is strategic planning ? Explain characteristics of strategic planning ? (06)

1.(B) Describe process decision making ? (06)

OR

1. Define Management ? Explain contribution of Henry Fayol in scientific Management. (12)

2.(A) Explain PERT Technique of control ? (06)

2.(B) What is decentralization ? Explain its advantages of decentralization ? (06)

OR

2. Explain : Role of starts up in entrepreneurship development. (12)

3.(A) **Write a short note (any one)** (05)

1. Importance of control

2. Characteristics of organization

3.(B) **Case Study :** (06)

In Good Luck company, its has been decided for the purchase department. The purchase officer, Ku. Darshi and Mr. Raj can individually place a purchase order worth Rupees one Lac.

The authority to take place and order worth Rs. 1,50,000 is delegated to the purchase Manger, Mr. Prakash only.

The Purchase officer, Mr. Raj placed an order worth Rs. 1,50,000 and the purchase manager, Mr. Prakash sunsctioned it without any comments.

On the next day, the purchase officer Mr. Prakash for his consent before placing and order worth Rs. 80,000. The purchase Managar, Mr. Prakash tells the purchase officer, Ku. Darshi not to worry and he him self can place an order.

Questions : (1) What is managerial problems is involved in the above case ?

(2) Had you been in the place of the purchase manager, Mr. Prakash, what would you have done in the above situation ?



