GPCET
Pioneering Innovative Education

G.PULLAIAH COLLEGE OF ENGINEERING & TECHNOLOGY (AT), KURNOOL
B.Tech – IV-I Semester (R13) MID II Examinations
Branch: Civil

SET 1

Sub: Managerial Economics & Financial Analysis **Date: 06-11-2017**
Time: 1½ Hrs. **Max Marks: 30M**

Question 1 is compulsory. Answer one from 2 or 3 and one from 4 or 5.

		Marks	Unit	CO	Cognitive Level
1.i)	Define monopoly.	**2**	**3**	C210.a	Remember
1.ii)	Enlist the types of partners.	**2**	**3**	C210.a	Analyse
1.iii)	Identify any two advantages of NPV.	**2**	**4**	C210.a	Remember
1.iv)	What do you understand by book keeping.	**2**	**5**	C210.b	Remember
1.v)	Draft the formula to calculate liquidity ratio.	**2**	**5**	C210.b	Remember

2 (a) If you wish to start a Joint stock company, what are the important documents that you would need?

MARKS: 5M	UNIT:3	C210.a	Cognitive level: Analyse

(b)Illustrate the main sources of finance.

MARKS: 5M	UNIT:3	C210.a	Cognitive level: Analyse

3.Given the following data, Calculate NPV.

PARTICULARS	PROJECT-M	PROJECT-N
Initial investment	20,000	30,000
Estimated	5 years	5 years
Scrap value	1,000	2,000
Discounted factor	10%	10%
Cash flows:		
1	5,000	20,000
2	10,000	10,000
3	10,000	5,000
4	3,000	3,000
5	2,000	2,000

MARKS: 10M	UNIT:4	C210.a	Cognitive level: Analyse

4.From the following balance sheet of ABC co.Ltd, Calculate Liquidity ratios and debt equity ratio?

Rs in Thousands

Labilities	**Rs**	**Assets**	**Rs**
preference share capital	100	Land and buildings	225
Equity share captial	150	Plant and machinery	250
General reserve	250	Furniture and fixtures	100
Debentury	400	Stock	250
Creditors	200	Debtors	125
Bills payable	50	Cash at bank	250
Out standing expenses	50	Cash in hand	125
Profit & Loss account	100	Prepaid expense	50
Bank loan	200	Marketable securities	125
	1500		1500

MARKS: 10M	UNIT:5	C210.a	Cognitive level: Analyse

5.Journalize the following transactions post them into ledger and balance the accounts.

SNO	**MONTH**	**DATE**	**PARTICULARS**	**AMOUNT**
1	March	1	Ramu commenced business	1,00,000
2	March	2	Purchased goods from Rani	10,000
3	March	4	Sold goods to Govind	20,000
4	March	5	Cash purchase	20,000
5	March	7	paid for salaries	5000
6	March	8	Sold for cash	15,000
7	March	9	Bought furniture paid by cheque	2,000
8	March	18	Deposited in bank	10,000
9	March	22	stationary expenses	800
10	March	26	Received interest through cheque	500
11	March	31	cash withdraw for personal use	1,000

MARKS: 10M	UNIT:5	C210.a	Cognitive level: Analyse

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SET 2

Sub: Managerial Economics & Financial Analysis **Date: 06-11-2017**
Time: 1½ Hrs. **Max Marks: 30M**

Question 1 is compulsory. Answer one from 2 or 3 and one from 4 or 5.

		Marks	Unit	CO	Cognitive Level
1.i)	Perfect competition	**2**	**3**	C210.a	Remember
1.ii)	Sole proprietorship	**2**	**3**	C210.a	Analyse
1.iii)	Capital budgeting	**2**	**4**	C210.a	Remember
1.iv)	Journal	**2**	**5**	C210.b	Remember
1.v)	Debtors Turnover Ratio	**2**	**5**	C210.b	Remember

2 (a) ABC Ltd company is obsessed with stiff competition conditions, what pricing strategies do you recommend toovercomesuch competition?

MARKS: 5M	UNIT:3	C210.a	Cognitive level: Analyse

(b)What factors determine the working capital requirement?

MARKS: 5M	UNIT:4	C210.a	Cognitive level: Analyse

3.Given the following data, Calculate NPV.

PARTICULARS	PROJECT-M	PROJECT-N
Initial investment	20,000	30,000
Estimated	5 years	5 years
Scrap value	1,000	2,000
Discounted factor	10%	10%
Cash flows:		
1	5,000	20,000
2	10,000	10,000
3	10,000	5,000
4	3,000	3,000
5	2,000	2,000

MARKS: 10M	UNIT:4	C210.a	Cognitive level: Analyse

4.(a) A Firm sold goods worth Rs 5,00,000 and its gross profit is 20 percent of sales value. The inventory at the beginning of the year was Rs 16,000 and at end of the year were 14,000.compute inventory turnover ratio and also the inventory holding period?

MARKS: 10M	UNIT:5	C210.a	Cognitive level: Analyse

(b) A Firm sales during the year was Rs 4,00,000 of which 60 percent were on credit basis. The balance of debtors at the beginning and end of the year were 25,000 and 15,000 respectively. Calculate debtor's turnover ratio of the firm. Also find out debt collection period?

MARKS: 10M	UNIT:5	C210.a	Cognitive level: Analyse

5. From the following trial balance of vikram foundary works ,prepare trading account profit and loss account for the year march 31,2003. Prepare a balance sheet on that date.

Trial balance as on march 31,2003

Trial Balance as on March 31,2003			
Debit balance (Dr)	**Rs**	**Credit Balance(Cr)**	**Rs**
Electricity	14,000	Interest	16,000
Land	1,40,000	Discount	6,000
Interest	16,000	Sales	8,00,000
Wages	50,000	Returns	10,000
Opening Stock	20,000	Sundry creditors	60,000
Rent	24,000	Capital	3,02,000
Purchases	3,00,000	Bills payable	15,000
Office expenses	30,000		
Building	4,00,000		
Salaries	90,000		
Power gas and water	30,000		
Returns	20,000		
Furniture	15,000		
Sundry debtors	60,000		
	12,09,000		**12,09,000**

ADJUSTMENTS:

1. Outstanding salaries Rs.10, 000
2. Closing stock Rs.80, 000
3. Deprecate buildings @10 percent per annum
4. Interested received in advance Rs.2, 000
5. Write off bad debts Rs.10, 000

MARKS: 10M	UNIT:5	C210.a	Cognitive level: Analyse

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SET 3

Sub: Managerial Economics & Financial Analysis **Date: 06-11-2017**
Time: 1½ Hrs. **Max Marks: 30M**

Question 1 is compulsory. Answer one from 2 or 3 and one from 4 or 5.

		Marks	Unit	CO	Cognitive Level
1.i)	Identify the features of monopoly market.	**2**	**3**	C210.a	Remember
1.ii)	State the accounting rules.	**2**	**5**	C210.a	Analyse
1.iii)	Define Privatisation.	**2**	**3**	C210.a	Remember
1.iv)	Draft the formula to calculate debt-equity ratio.	**2**	**5**	C210.b	Remember
1.v)	Enlist the features of oligopoly market	**2**	**3**	C210.b	Remember

2 (a) "Small is beautiful." Do you think this is the reason for survival of sole trader form of business organization? Support your answer with suitable example.

MARKS: 5M	UNIT:3	C210.a	Cognitive level: Analyse

(b)Illustrate the main short term sources of finance.

MARKS: 5M	UNIT:3	C210.a	Cognitive level: Analyse

3.Given the following data, Calculate NPV.

PARTICULARS	PROJECT-M	PROJECT-N
Initial investment	20,000	30,000
Estimated	5 years	5 years
Scrap value	1,000	2,000
Discounted factor	10%	10%
Cash flows:		
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MARKS: 10M	UNIT:4	C210.a	Cognitive level: Analyse

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Rs in Thousands

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	1500		1500

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SET 4

Sub: Managerial Economics & Financial Analysis **Date: 06-11-2017**
Time: 1½ Hrs. **Max Marks: 30M**

Question 1 is compulsory. Answer one from 2 or 3 and one from 4 or 5.

		Marks	Unit	CO	Cognitive Level
1.i)	Price Discrimination.	**2**	**3**	C210.a	Remember
1.ii)	Globalisation.	**2**	**3**	C210.a	Analyse
1.iii)	Profitability Index.	**2**	**4**	C210.a	Remember
1.iv)	Inventory Turnover Ratio.	**2**	**5**	C210.b	Remember
1.v)	Overcapitalization.	**2**	**3**	C210.b	Remember

2 (a) What is market? Explain in brief the different market structures.

MARKS: 5M	UNIT:3	C210.a	Cognitive level: Analyse

(b) Define capital budgeting. How useful is payback period method? Explain its features and limitations

MARKS: 5M	UNIT:4	C210.a	Cognitive level: Analyse

3.Given the following data, Calculate NPV.

PARTICULARS	PROJECT-M	PROJECT-N
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Estimated	5 years	5 years
Scrap value	1,000	2,000
Discounted factor	10%	10%
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MARKS: 10M	UNIT:4	C210.a	Cognitive level: Analyse

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MARKS: 10M	UNIT:5	C210.a	Cognitive level: Analyse