LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



M.Com. DEGREE EXAMINATION - COMMERCE

FIRST SEMESTER - NOVEMBER 2022

PCO1MC04 - ACCOUNTING FOR DECISION MAKING

Date: 28-11-2022 Dept. No. Max.: 100 Marks

Time: 01:00 PM - 04:00 PM

SECTION A							
	Answer ALL the questions						
1 Answer the following Questions / True or False/ Fill in the blanks/ MCQ							
a)	Ratio analysis is a tool of management for measuring efficiency and guiding business policies T/F	K1	CO1				
b)	Purchase managers are not responsible for material price variances. T/F	K1	CO1				
c)	In relevant cost, while pricing under normal situations Plus is applied	K1	CO1				
d)	From the following particulars calculate the fixed cost Capacity 60% 100% Units produced 600 units 1,000 units Power and fuel Rs.1,600 Rs.2,000 A)Rs 1,600. B) Rs. 1,000. C) Rs. 600. D) Rs. 2,000	K1	CO1				
e)	Which of the following can be a criterion for the acceptance of a project? A)The Profitability Index should be greater than the unity B)The Internal Rate of Return should be greater than the cost of capital C)The Net Present Value should be greater than zero D) All of the above	K1	CO1				
2	Match the following with the most appropriate answer.	$(5 \times 1 = 5)$					
a)	Activity-Based Costing = Break Even Point.	K2	CO1				
b)	Cash Flow Statement = Marginal Cost Method.	K2	CO1				
c)	Marginal Costing = Discounted Cash Flow Method.	K2	CO1				
d)	Transfer Pricing = Overhead Distribution.	K2	CO1				
e)	Capital Budgeting = AS-3.	K2	CO1				
	SECTION B	(3 x 10					
Answer any THREE of the followings							
3	What do you mean by ratio analysis? Examine its significance and utility.	K3	CO2				
4	a) Mention the reason for using the Relevant Cost. b) A machine that originally cost Rs.1,20,000, has an estimated life of 10 years and is depreciated at the rate of Rs.12,000 per year. It has been unused for some time as expected production orders did not materialize. A special order has now been received which would require the use of the machine for two months. The current cost realizable value of the machine is Rs.80,000. It is used for the job, its value is expected to fall to Rs.75,000 The net book value of the machine is Rs.84,000 Routine maintenance of the machine currently costs Rs.400 per month. With use, the cost of maintenance and repairs would increase to Rs.600 per month. What would be the relevant cost of using the machine for the order so that the minimum price for the order can be ascertained?	K3	CO2				

	The standard material cost for 100kg. of chemical D is made up of:									
	Chemical A - 30 kg. @ Rs. 4 per kg.									
	Chemical B - 40 kg. @ Rs. 5 per kg.									
	Chemical C - 80 kg. @ Rs. 6 per kg.									
	In a batch, 500 kg. of chemical D were produced from a mix of	;								
5	Chemical A - 140 kg. at a cost of Rs. 588		K3	CO2						
	Chemical B - 220 kg. at a cost of Rs. 1,056									
	Chemical C - 440 kg. at a cost of Rs. 2,860									
	How do the yield, mix and the price factors contribute to the varia	once in the actual								
	cost per 100kg. of chemical D over the standard cost?									
	cost per 100kg. of chemical D over the standard cost? A company producing 40,000 units of X product working at 80% capacity receives an									
	order from a foreign dealer for 10,000 units at Rs. 50 per unit althor	-								
	Rs. 90 per unit.	ugh the local price is								
	Material Rs. 20									
	Labour:									
	Skilled (fixed) 10 Unskilled labour 10									
6	Variable Overhead 10		K3	CO2						
	Fixed Overhead 20									
	Total per unit 1) Advice the management whether to accept the order or not.									
	2) What will be your advice if the order has come from the local me	rohant?								
	3) If there is temporary fall in demand what will be minimum price									
	3) If there is temporary fair in demand what will be infilling price	to be charged?								
	X Ltd. is considering to purchase of a computer for its Research & Development. It will									
	cost Rs.35,00,000.The operating cost [excluding depreciation] wo	ould be Rs. 7,00,000								
	p.a. The system has an useful life of 6 years at the end of which the	salvage value of Rs.								
	1,00,000 is expected. The system would reduce deciding cost by Rs	. 12,00,000 p .a. The								
7	existing drawing office which is presently being used would be sold for Rs. 9,00,000.									
	Being capital expenses for R & D, the proposed will attract 100%	write off the cost of								
	the computer for tax purpose. The gain from disposing the old equip	ment and its salvage								
	value may be considered to be tax free. The COC is 12%. Tax Rate 50%. Advice the									
	company.									
	SECTION C									
Ansv	wer any TWO of the followings	(2 :	x 12.5	= 25)						
8	8 a) What is Transfer pricing? b) Discuss the objectives and methods of Transfer Pricing.									
	The following ratios and other data relate to the financial statement:	s of SKF Ltd., for								
	the year ended 31. 03. 2022.									
	Working capital ratio	1.75								
	Acid test ratio	1.27								
	Working capital	Rs.33,000								
	Fixed assets to shareholders' equity ratio	0.625 to 1								
9	Inventory turnover (based on closing stock)	4 times	K4	CO3						
	Gross profit ratio	40%								
	Earnings per share	Rs.0.50								
	The average age of accounts receivable (based on the									
	calendar year of 365 days)	73 days								
	Share capital – Number of shares	20,000								
	Earning for the year as a percentage of share capital	25%								

	•	y had no prepaid expense			•	· ·		
or long-term liabilities. Prepare Profit and Loss Account and Balance Sheet. Loyola College incurred the following expenses on its visiting faculty during the								
	previous year.	e meured the following	скрепье	on its	visiting faculty de	aring the		
	previous year.	2,50,000			7			
		SALARY TRAVEL		1,50,000		_		
		ACCOMMODATION		6,00,0		_		
		BOARDING		2,00,0				
	The accomm	Lance land to the	spected to]) every year.		
10	The college pl	ans to construct a building	rg to take	e care o	f the accommodat	ion of such	K4	CO3
	faculty. This b	ouilding will save Rs 80,0)00 in bo	arding	charges and Rs 2,	70,000 in the		
	cost of training	g .						
	To construct th	ne building the college w	ill use its	s existir	ng land which was	s bought some		
	years back at a	a cost of Rs 80,000. The l	building	will cos	st Rs 16,00,000 aı	nd the annual		
	maintenance is	s expected to be Rs 1,00,	000. The	cost of	construction will	write off		
	equally over 5 years. The tax rate is 40% and the cost of capital is 12%. Should the							
	college construct the building?							
	A company produces three products A, B and C, with standard costs and quantities per							
	unit are as follows:							
			Produc	et A	Product B	Product C		
	Quantity Produ	iced	10,000	Nos	20,000 Nos	30.000 Nos.		
	Direct material per unit		Rs.50		Rs.40	Rs.30		
	Direct labour p		Rs.30		Rs.40	Rs.50		
		equired per unit			4 hours	5our hs		
		required per unit			4hours	7 hours		
		chase requisitions	A, B and C, with Product A 10,000 Nos Rs.50 Rs.30 3 hours 4 hours 1,200 Nos 240 Nos. Timent: department 2		1,800 Nos.	2,000 Nos.		
11	1						K4	CO3
		verhead split by departm	ent: depa	artment	1- Rs.11,00,000 a	and department		
	2 - Rs. 15,00,0		1.1.		1			
	ii)Department 1 is labour-intensive and department 2 is machine intensive							
	iii)Total labour hours in department 1 - 1,83,333 while total machine hours In							
	department 2 - 5,00,000. iv)Product overhead split by activity: receiving / inspecting = Rs.14,00,000							
	,		· ·	•		,00		
	v)Production scheduling / machine set up = Rs.12,00,000 vi)Number of batches for scheduling and set up = 800							
	You are required to prepare a Cost Statement under							
	-	onal Absorption Costing			sed Costing Metho	od.		
	,		•					

		SECTION	D			
Answer any ONE of the followings						15 = 15)
112	A highly profitable company plans to The details of which are as follows: The cost of windmill Rs 4,00,00,000 w The cost of land Rs 15,00,000 which w years. Subsidy of government Rs 15,00,000 v Electricity will be sold at Rs 2.50 per u year up to 5 th year and thereafter by Re The cost of capital is 12% and tax rate Maintenance cost is Rs 10,00,000 in th per year thereafter. Windmill is subject to depreciation on act. Electricity generated will be Rs 25,00,0 given free to the state electricity board. Ascertain the viability of the project	K5	CO4			
13	Direct Materials Direct Labour Variable overhead Fixed Expenses Total Cost Profit Selling Price No. of units produced Production arrangements are such that the others can be raised by 50% so the 13b) A gang of workers normally constare paid at standard hourly rates at Men Rs.0.80 Women Rs.0.60 Boys Rs.0.40 In a normal working week of 40 hounits of output. During the week ending 40 men, 10 workers and 5 boys. The act Re.0.30 respectively. 4 hours were lost were produced. Calculate (i) wage variance, (ii) way variance, (iv) labour idle time variance labour mix variance).	A Rs. 20 12 8 6 46 18 64 10,000 if one product directors properists of 30 ments as under:	Products B Rs. 16 14 10 6 46 14 60 5,000 sis given up to ose that C shows that C shows that C shows the control of the control	C Rs. 18 12 6 4 40 12 52 8,000 the production of tould be given up. and 10 boys. They o produce 2,000 gang consisted of .70, Re. 0.65 and and 1,600 units or efficiency	K5	CO4

Answer any ONE of the followings Prepare Cash Flow Statement. Lightilities 2012(Pa) 2011 Assets 2012								(1 X Z	0 = 20	
	Liabilities Liabilities		2012(Rs.)	2011 (Rs.)			2012 (Rs.)	2011 (Rs.)	_	
	Equity share capital		2,00,000	2,00,000 Land				10,000		
	Profit & Loss		52,000	23,500	Building		90,000	75,000		
	Debentures		35,000 40,000		Machinery		40,000	25,000		
	Provision for bad debts		3,000	2,000 Inv		stments 30,000		50,000	•	
	on Machinery		7,500	3,000	Prepaid Expenses		2,000	2,000		
14	Provision for Building		8,000	12,000	Debt	ors	90,000	80,000	K6	CO5
	Creditors		10,000	33,000 Stoc			40,000	32,000		
	Outstanding Expenses	g	1,500	3,500	Cash	l 	58,000	43,000		
		3	3,60,000	3,70,000			3,60,000	3,70,000		
	Rs.6,000. Provision for doubtful debts charged on P/L is Rs.1,500 Income Tax paid was Rs.10,000 Prepare Cash Flow Statement. Lightwice 2021 2022 Aprets 2021 2022									
	Liabilities	(Rs.)	(Rs.)	Assets		(Rs.)	(Rs.)			
	Share Capital	1,00,000	4,00,000	O Goodwi	111	NIL	20,000	20,000		
	8% debenture	NIL	2,00,000) Machinery		1,25,000	4,75,0	4,75,000		
	Retained Earnings	60,000	90,000	Stock	Stock		80,000			
	Creditors	40,000	1,00,000) Debtors	Debtors		1,00,0	1,00,000		
15	Bills payable	20,000	40,000	Cash at	Cash at Bank		1,50,000		K6	CO5
	Provision for tax	30,000	40,000	Cash in Hand		25,000	45,000	0		
		2,50,000	8,70,000	0		2,50,000	8,70,0	000		
	Additional Information During 2022, the business of a sole trader was purchased by issuing shares of Rs.2,00,000. The assets acquired from him were Machinery - Rs.1,00,000; Stock - Rs.50,000 and Debtors - Rs.30,000. Provision for tax charged in 2022 was Rs.35,000. Debentures were issued at a premium of 5% which is included in retained earnings.									
