

Roll No.

SAP ID



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, July 2020
Open Book – Through Blackboard Learning Management System

Course: Cost Accounting
Programme: B Com LLB Taxation Laws
Time: 03 hrs.

Semester: VI
Course Code: CLNL 3004
Max. Marks: 100

Instructions:

As this examination is in open-book format, the students are expected to demonstrate a very high degree of Academic Integrity and not copy contents from resources referred. Instructors would look for understanding of the concept by the students and any similarity found from resources online/ offline shall be penalized in terms of deduction of marks and even cancellation of paper in requisite cases. The online examination committee of the School would also look for similarity of two answer scripts and if answer scripts of two or more students are found similar, both the answer scripts shall be treated as copied and lead to cancellation of the paper. In view of the aforesaid points, the students are warned that they should desist from using any unfair means.

All Questions are Compulsory
Answer each question in not more than 500 words

S. No.		Marks	CO									
1	Calculate the earnings of P and S according to straight piece rate system and Taylor's differential piece rate system. Standard production = 12 units/hour Hours in a day = 8 hours Wage rate = Rs.6/hour Differentials to be applied 80% of the piece rate below standard 120% of the piece rate at or above standard. P produces 90 units and S produces 100 units in a day.	20	3									
Ans.												
2	The figures of last 2 years are as follows. <table border="1" style="width: 100%;"><thead><tr><th>Years</th><th>Sales (in Rs.)</th><th>Total cost (in Rs.)</th></tr></thead><tbody><tr><td>2008</td><td>25 lakhs</td><td>17.5 lakhs</td></tr><tr><td>2009</td><td>18 lakhs</td><td>14 lakhs</td></tr></tbody></table> Calculate a) Profit. b) P/V ratio. c) Variable cost. d) Fixed cost. e) Break Even Point. f) Margin of safety for both years.	Years	Sales (in Rs.)	Total cost (in Rs.)	2008	25 lakhs	17.5 lakhs	2009	18 lakhs	14 lakhs	20	2
Years	Sales (in Rs.)	Total cost (in Rs.)										
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	g) Profit at sales of Rs.12 lakhs. Sales to earn a profit of Rs.3 lakhs.																										
Ans.																											
3	Explain the different methods of costing.	20	1																								
Ans.																											
4	Alpha Limited wishes to arrange overdraft facilities with Bank during the period April to June 2007, when it will be manufacturing mostly for stock. Prepare a Cash Budget for the above period from the following data, including the extent of the Bank facilities the company will require at the end of each month.	20	3																								
	<table border="1"> <thead> <tr> <th>Months</th> <th>Sales (in Rs.)</th> <th>Purchases (in Rs.)</th> <th>Expenditure (in Rs.)</th> </tr> </thead> <tbody> <tr> <td>February</td> <td>90,000</td> <td>60,000</td> <td>6,000</td> </tr> <tr> <td>March</td> <td>95,000</td> <td>70,000</td> <td>7,000</td> </tr> <tr> <td>April</td> <td>50,000</td> <td>1,20,000</td> <td>10,000</td> </tr> <tr> <td>May</td> <td>85,000</td> <td>1,20,000</td> <td>5,000</td> </tr> <tr> <td>June</td> <td>60,000</td> <td>1,30,000</td> <td>7,000</td> </tr> </tbody> </table>			Months	Sales (in Rs.)	Purchases (in Rs.)	Expenditure (in Rs.)	February	90,000	60,000	6,000	March	95,000	70,000	7,000	April	50,000	1,20,000	10,000	May	85,000	1,20,000	5,000	June	60,000	1,30,000	7,000
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	(i) 50% of the credit sales are realized in the month following the sales and the remaining in the second month following the sales.																										
	(ii) The creditors are paid after one month of purchase.																										
	(iii) Lag in payment of expenses ¼th month.																										
	(iv) 5% sales commission is to be paid within the month following actual sales.																										
	(v) Estimated cash at bank on 1 st April 2007 was Rs.30,000.																										
Ans.																											
5	Prepare a stores ledger account according to FIFO method. Jan 1 Purchased 500 tons @ Rs.20 per ton Jan 3 Issued 200 tons Jan 6 Purchased 200 tons @ Rs.50 per ton Jan 10 Issued 400 tons Jan 12 Purchased 50 tons @ Rs.10 per ton Jan 20 Purchased 20 tons @ Rs.5 per ton Jan 25 Issued 60 tons	20	2																								
Ans.																											

I,, understand that submitting work that isn't my own may result in failure in this paper and I may also be subject to Disciplinary Proceedings as per the Academic Integrity policy of the University.