

Roll No.
SAP ID



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

Course: Project Management and Financial Management in Energy Sector
Programme: BT-ET-LLB-IPR
Time: 03 hrs.

Semester: VIII
Course Code: BBCF 134
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	Location decisions are analyzed by different angles for a particular project. Explain the different factors which are to be kept in mind while selecting a particular location.	20	3												
Ans.															
2	ABC Ltd purchased a machinery for Rs.2,80,000 and spend Rs.20,000 on its installation. The cash inflows for the period of 5 years are as under. <table border="1" data-bbox="300 1480 743 1705"><thead><tr><th>Years</th><th>Cash flows (in Rs.)</th></tr></thead><tbody><tr><td>1</td><td>80,000</td></tr><tr><td>2</td><td>60,000</td></tr><tr><td>3</td><td>70,000</td></tr><tr><td>4</td><td>1,00,000</td></tr><tr><td>5</td><td>90,000</td></tr></tbody></table> Calculate discounted payback period at 8% disc rate.	Years	Cash flows (in Rs.)	1	80,000	2	60,000	3	70,000	4	1,00,000	5	90,000	20	2
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1	80,000														
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Ans.															
3	Calculate payback period, profitability index and net present value from the following information.	20	1												

	Cost of project - Rs.3,00,000 Present value factor - 10% Cash inflow are as follows																				
	<table border="1"> <thead> <tr> <th>Years</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>Cash inflows</td> <td>1,50,000</td> <td>40,000</td> <td>50,000</td> <td>1,20,000</td> <td>60,000</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Years	1	2	3	4	5	Cash inflows	1,50,000	40,000	50,000	1,20,000	60,000								
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Ans.																					
4	What is a feasibility report. Explain its contents.	20	3																		
Ans.																					
5	Write short notes on a. Time estimates in PERT b. Critical Path c. Capital expenditure d. Sources of finance	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.