


Name: Enrolment No:			
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, May 2022			
Course: Asset Management Program: B.Tech.GSE/GIE Course Code: PEGS 4002		Semester: VIII Time : 03 hrs. Max. Marks: 100	
Instructions:			
SECTION A (5Qx4M=20Marks)			
S. No.		Marks	CO
Q 1	Discuss how to achieve the objectives of asset management & what are the targets that the industry look for to achieve the same?	[4]	CO2
Q.2	List the Internal factors of the company that impact the asset value	[4]	CO2
Q.3	Distinguish between current asset and fixed asset, Elaborate your answer with suitable examples	[4]	CO1
Q.4	Illustrate the importance of stage gate process in asset management process.	[4]	CO3
Q.5	An Enterprise has decided to invest in a project for which the initial investment would be \$100 million. As they are considering whether it's a good deal to invest in, they have found out that the present value of the future cash flow of this project is 130 million. Is it a good project to invest in in the first place? Compute the Profitability Index to prove that.	[4]	CO1
SECTION B (4Qx10M= 40 Marks)			
Q.6	(a) Describe debottlenecking tool which is one of the options that remains after FEL for reducing operating costs for the asset. (b) Describe Pareto principle used in asset management. Supplement your answer with appropriate examples.	[5+5]	CO4
Q.7	Demonstrate the consequences of not setting asset management objectives in the industry.	[10]	CO2

Q.8	The Quality Assurance during the asset life-cycle is managed and monitored by the Decision Board Members through formal and informal reviews. (i) Distinguish between formal and informal Reviews (ii) List down the factors on which the review process depends on.	[5+5]	CO3
Q.9	Describe the application of artificial intelligence (AI) in asset management	[10]	CO4
SECTION-C (2Qx20M=40 Marks)			
Q.10	(a) List the ten common mistakes that the industries commit in asset management process. (b) Describe any FOUR common mistakes in asset management. (c) Mention the consequences of committing these mistakes	[5+ 12+ 3]	CO5
Q.11	(i) Describe the importance of post audit in asset management. (ii) Evaluate the relationship between post audit process and company's growth. (iii) Describe the quantitative and qualitative information which are required for post audit process.	[5+5+10]	CO6