



Roll No: -----

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May, 2020

Program/course: B.Tech.GSE/GIE

Semester – VIII

Subject: Asset Management

Max. Marks : 100

Code : GSEG 411

Duration : 3 Hrs

No. of page/s: 06

SECTION – A			
(6*5M = 30M)			
S.No		Marks	CO
Q.1	<p>Fill in the blanks</p> <p>(i) ----- is the Loss in the Value of Capital Goods Over a Period of Time due to the Normal Wear & Tear of the Capital Goods in the Process of Production.</p> <p>(ii) ----- is incurred in Routine Administrative and Maintenance Expenses of a Business.</p> <p>(iii) ----- is the broad intentions of an organization.</p> <p>(iv) ----- assets are expected to keep providing benefit for more than one year</p> <p>(v) ----- is the likelihood that a particular outcome will occur</p>	[5]	CO1
Q.2	<p>State whether True or False. <u>If False, give the correct answer</u></p> <p>(i) Lost time injury is a work-related incident that results in a worker being able to return to work.</p> <p>(ii) By balancing the commercial, technical, community & regulatory needs, the companies can raise the cost of asset.</p>	[5]	CO2

	<p>(iii) Asset management plan is the chaotic process of deploying, operating, maintaining, upgrading, and disposing of tangible and intangible assets cost-effectively.</p> <p>(iv) Setting Asset Management objectives provides an important foundation for building a weak track record by the company.</p> <p>(v) The commercial road map for an asset consists of developing a Fiscal Chart for showing sequence of activities against a time reference) for Negotiating fiscal terms.</p>		
<p>Q.3</p>	<p>Choose the most appropriate answer</p> <p>(i) ----- is a preliminary assessment of the project suitability for the selection</p> <p>(a) Available resource (b) Proposed budget (c) Cost estimation (d) Project screening</p> <p>(ii) For produced water, the amount of oil in one litre of water that is discharged from the producing facility should be -----</p> <p>(a) less than 10 mg/l (b) less than 5 mg/l (c) less than 20mg ml (d) 50mg/l</p> <p>(iii) ----- is the result of a process where the team evaluates the various options for the project and decides which approach best meets the project's goal.</p> <p>(a) Trade off (b) Budget (c) Resource allocation (d) Cost</p> <p>(iv) Gantt chart is the sequence of activities against -----</p> <p>(a) production (b) time (c) resource (d) man power</p> <p>(v) LTI is a ----- related incident that results in a worker being unable to return to work</p> <p>(a) business</p>	<p>[5]</p>	<p>CO2</p>

	(b) investment (c) work (d) profit		
Q.4	<p>Fill in the blanks</p> <p>(i) An asset management plan is a living document which is ----- frequently.</p> <p>(ii) The role of asset management is to ----- the intrinsic value of the asset without compromising Company or Host Government policies or ignoring stakeholder’s concerns.</p> <p>(iii) ----- Management is the process of allocating resources in the best opportunities to achieve company’s financial goals in the short & long term</p> <p>(iv) ----- is based on the concept that a dollar that you have today is worth more than the promise or expectation that you will receive from that dollar in the future.</p> <p>(v) PI is calculated by dividing ----- by capital expenditure or Investment</p>	[5]	CO1
Q.5	<p>State whether True or False. <u>If False, give the correct answer</u></p> <p>(i) Clearly defined roles and responsibilities in any industry can have a negative impact on the company as a whole, particularly on asset value enhancement.</p> <p>(ii) A sudden rise in product prices may cause the proposed asset development uneconomic</p> <p>(iii) The Regulatory Road Map describes a Gantt chart for engaging the community for developing the asset.</p> <p>(iv) Ergonomics is the science of designing particular equipment for a suitable workplace</p> <p>(v) Objective of asset management is to capture maximum value of an asset without compromising company’s policy.</p>	[5]	CO2

<p>Q.6</p>	<p>Choose the most appropriate answer</p> <p>(i) Investing in Ergonomics bring ----- business opportunities</p> <p>(a) less (b) no profit no loss (c) less profits (d) more</p> <p>(ii) There is good alignment between projected and actual results barring unforeseen global events if the system of ----- in a company is strong.</p> <p>(a) finance (b) minimization of the cost operation (c) better overall efficiency (d) governance</p> <p>(iii) Goal of a company's policy is -----</p> <p>(a) only focusing on production (b) zero injuries (c) producing waste (d) Increasing number of injuries</p> <p>(iv) DSO stands for -----</p> <p>(a) Days Sales Opportunities (b) Department of Statistical Operation (c) Days Sales Opportunities (d) Days sales Outstanding</p> <p>(v) The purpose of screening is to identify the proposals that require an ----- and exclude those that do not.</p> <p>(a) screening (b) Negotiate sales (c) Dispose asset (d) EIA</p>	<p>[5]</p>	<p>CO2</p>
------------	---	------------	------------

	SECTION – B (5*10M=50M)		
Q.7	Describe Front End Loading and Decision Mapping tools used in asset management. OR, Describe 80/20 Rule in asset management with suitable example.	[5+5] [10]	CO4
Q.8	Explain the following economic indicators used for evaluating a prospect or an asset (a) Pay Back Period, (b) NPV (c) Investment Efficiency (d) IRR	[2.5×4]	CO1
Q.9	(a) Define the term Asset Management Process and explain the importance of its application in industries. (b) Explain Stage gate process and also enlist the criteria for making key decision in asset management.	[5+5]	CO3
Q.10	(a) Illustrate the concept of knowledge management (b) Describe the methods to bring a process of knowledge management in an organization.	[5+5]	CO4
Q.11	(a) Define the term Post Audit (b) Illustrate the objectives of conducting post audit in asset management (c) Is there any relationship between Post auditing and a company's growth? If yes, then why?	[2+2+6]	CO6
	SECTION - C (1*20M=20M)		
Q.12	(a) Name the ten common mistakes that the industries commit in asset management. (b) Describe any FOUR common mistakes in asset management. (c) Mention the consequences of committing these mistakes.	[5+12+3]	CO5