

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			
a	Explain How do we find out the elements of Fold in open earth surface?	CO1	Analyze	4 x 5 = 20
	or			
b	Illustrate the difference between fold and faults.	CO1	Apply	
	or			
c	Define the term associated Dissemination deposits & Segregation.	CO2	Remember	
	or			
d	Explain the term economy geology.	CO2	Understand	
	or			
e	Explain the different types of coalification.	CO3	Understand	
	or			
f	Interpret the Rank of coal.	CO3	Understand	
	or			
g	Explain the origin of petroleum. Also mention the role of source rock and reservoir rock in the petroleum origination.	CO4	Understand	
	or			
h	Define petroleum geology and outline its key components.	CO4	Remember	
	or			
Section II				
Long Answer type questions.				
2	Critically analyze the processes involved in the development of unconformities and outline the methods used for their recognition in the field.	CO1	Analyze	3 x 10 = 30
	or			
3	Differentiate between true dip and apparent dip, illustrating with a well-labeled diagram. Discuss their importance in structural analysis.	CO1	Analyze	
	or			
4	Illustrate the mode of occurrence and distribution of Lead, Zinc & Manganese in India.	CO2	Apply	
	or			
5	Briefly explain about the Iron ore deposits, Manganese & copper deposits formation.	CO2	Analyze	
	or			
6	Differentiate between the Humification process & Coalification process of coal formation.	CO3	Analyze	
	or			
7	Provide a brief overview of the major coalfields of India and their significance.	CO3	Remember	
	or			
Section III				
Application based questions				
8	Categorize the causes of oil migration in petroleum reservoirs and describe the different types of migration processes involved."	CO4	Analyze	1 x 20 = 20
	or			
9	"Since petroleum is a crucial resource in today's world, distinguish between the three primary sources of petroleum origin and illustrate them with a clear diagram."	CO4	Analyze	
	or			

COURSE OUTCOME

CO1 Design the structural geology in aspects of engineering requirements & structural disturbances.

CO2 Apply the knowledge gained in the contexts of exploration and mineral distribution and able to design the stages of exploration of economic minerals.

CO3 Explain the geology of coal along with its classification and origin.

CO4 Describe the concept on petroleum geology with its migration, accumulation & important basins of India