

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
End Semester Examination – December, 2018

Program/course: MBA (ET)
Subject: Energy Economics (Petro & Power)
Code: ECON8002
No. of page/s: 1

Semester : IIIrd
Max. Marks : 100
Duration : 3 Hrs

All questions shall be strictly answered in chronological order.

<u>SECTION A</u>		<u>[30 Marks]</u>	
Ques 1	Evaluate the role of the State Electricity Regulatory Commission in the fixation of consumer tariff	5	CO1
Ques 2	What is EEE model? Why it is critical in forming strategies?	5	CO2
Ques 3	Identify the factors that have the potential to influence the energy projects economics.	5	CO3
Ques 4	Explain the concept of Cross Subsidizing the Power Tariff for Agricultural Consumers	5	CO1, CO3
Ques 5	Evaluate the role of Electricity Demand and Supply in fixation of Consumer Power Tariff.	5	CO2, CO5
Ques 6	Should India use Imported Natural Gas in power Generation? Argue For or Against the statement.	5	CO2, CO5
<u>SECTION B</u>		<u>[30 marks]</u>	
Ques 7	Analyze the importance of Annual Revenue Requirement prepared and filed by the Distribution Coampany.	15	CO3, CO4
Ques 8	Will India be able to increase the share of renewable energy in its primary energy mix? Suffice your answer with supporting arguments.	15	CO2, CO3
<u>SECTION C</u>		<u>[40 Marks]</u>	
	Refer to the attached case and answer the following questions:		
Ques 9	Debate the pros and cons of different fuel types for power generation.	8	CO3, CO4
Ques 10	Review the role of regulation on power generation.	8	CO2, CO3
Ques 11	Analyze the financial statement and determine the average weighted cost of capital.	8	CO2, CO4
Ques 12	Identify and analyze the significant uncertainties related to construction costs, fuel costs, and taxes on carbon emissions.	8	CO2, CO3

Ques 13	Make a recommendation about which fuel type to use for the new power plant and defend likely criticisms of the recommendation to key stakeholder groups.	8	
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<u>SECTION A</u>		[30 Marks]	
Ques 1	Evaluate the role of the Central Electricity Regulatory Commission in the fixation of consumer tariff	6	CO1
Ques 2	How EEE Model is important in forming national energy policies?	6	CO2
Ques 3	Identify the factors that have the potential to influence the energy projects economics.	6	CO3
Ques 4	Explain the concept of Subsidizing the Power Tariff for Domestic Consumers.	6	CO1, CO3
Ques 5	Does Indian Oil and Gas policies ensure Energy Security. Substantiate your answers with facts and figures.	6	CO2, CO5
<u>SECTION B</u>		[30 marks]	
Ques 6	Analyze the importance of Truing up of Annual Revenue Requirement prepared and filed by the Distribution Coampany.	15	CO3, CO4
Ques 7	Will India be able to increase the share of renewable energy in its primary energy mix? Suffice your answer with supporting arguments.	15	CO2, CO3
<u>SECTION C</u>		[40 Marks]	
	Refer to the attached case and answer the following questions:		
Ques 8	Identify stakeholders and their interest.	8	CO2, CO4
Ques 9	Review the role of regulation on power generation.	8	CO2, CO3
Ques 10	Analyze the financial statement and determine the average weighted cost of capital.	8	CO2, CO4
Ques 11	Identify and analyze the significant uncertainties related to construction costs, fuel costs, and taxes on carbon emissions.	8	CO2, CO3

Ques 12	Make a recommendation about which fuel type to use for the new power plant and defend likely criticisms of the recommendation to key stakeholder groups.	8	CO2, CO3
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