



Name:

Enrolment No:

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2020

Course: Down Stream: Petro. Refin. & Petrochem
Program: B.Tech- CS-OGI
Course Code: CSOG2005

Semester: III
Time: 03 hrs.
Max. Marks: 100

Instructions: all questions are compulsory

SECTION A

[30]

S. No.	Write short notes on the following	Marks	CO
Q 1	Differentiate between Naphtha & Gasoline	5	CO1
Q2	Explain Cracking	5	CO1
Q3	Explain the working principal of VDU	5	CO2
Q4	Identify the requirements of treating process	5	CO3
Q5	Interpret the requirement ADU	5	CO2
Q6	Explain metamorphic rock with example	5	CO3

SECTION B

[50]

	All questions are compulsory	Marks	CO
Q7	Elaborate on process of fractional distillation.	10	CO3
Q8	Analyze the working of FCC unit	10	CO2
Q9	Explain with diagram Sulfur recovery unit	10	CO4
Q10	Differentiate between Hydro Treating & Hydro Cracking	10	CO4
Q 11	Elaborate on process of fractional distillation.	10	CO3

SECTION-C

	Any 1 question is to be attempted (Marks- [20])	Marks	CO
Q 12	Design a VDU unit for crude refining	20	CO5
Q13	Explain the different types of methods of conversion of Naphtha	20	CO5