

Name:

Enrolment No:



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**End Sem Examination, December 2020**

**Course: Integrated Asset Management in O&G Industry**  
**Program: B.Tech- CS-OGI**  
**Course Code: CSOG4001**

**Semester: VII**  
**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	Define Physical Asset.	5	CO1
Q2	Explain Risk.	5	CO1
Q3	Identify the components of “Cost of Ownership”.	5	CO2
Q4	What is Ageing?	5	CO3
Q5	What are the fundamental management decisions?	5	CO2
Q6	What is RCM?	5	CO3

**SECTION B**

**[50]**

	All questions are compulsory	Marks	CO
Q7	Elaborate on the importance of GIS in Asset Management	10	CO3
Q8	Explain in detail the life cycle of asset management	10	CO2
Q9	Identify the 10 step plan of Asset Management process	10	CO4
Q10	What are the seven principles of asset management?	10	CO4
Q 11	Explain in detail the core asset management program elements	10	CO3

**SECTION-C**

	Any 1 question is to be attempted ( Marks- [20])	Marks	CO
Q 12	Design and discuss the asset management decision making for a university wide network system.	20	CO5
Q13	What would be the lifecycle delivery activities for the above network	20	CO5