


Name:			
Enrolment No:			
UPES End Semester Examination, December 2023 Course: Environment Management in Power Industry Semester: VII Program: BTech (FSE) Time : 03 hrs. Course Code: HSFS4010P Max. Marks: 100			
Instructions: Documents related to “all legal & ISO 14001” are allowed			
SECTION A (5Qx4M=20Marks)			
S. No.	Attempt all questions	Marks	CO
Q 1	Write down steps of Opening meeting in Audit activities.	4	CO1
Q2	Explain Role of SEIAA in Environmental clearance.	4	CO3
Q3	Explain concepts of consent to Establish & concept to operate given by SPCB.	4	CO2
Q4	Write salient features of Kyoto protocol.	4	CO1
Q5	Write down pre-audit activities in power industry.	4	CO3
SECTION B (4Qx10M= 40 Marks)			
Q1	Identify the Environmental aspects/impact of a Nuclear Power Plant.	10	CO3
Q2	Explain concepts of Risk & opportunity in ISO 14001:2015. OR Explain why leadership clause is added in ISO 14001:2015.	10	CO4
Q3	Write details of renewable energy sources with advantages & disadvantages.	10	CO3
Q4	Refer to atomic Energy Act 1962 and state your opinion that whether the act is helpful in promotion of nuclear power generation. In order to support your answer if required may refer to the civil Nuclear Liability act 2010.	5+5	CO2
SECTION-C (2Qx20M=40 Marks)			

Q1	<p>Explain ISO14001:2015 in detail with concepts with respect to power industry.</p> <p style="text-align: center;">OR</p> <p>Identify interested parties, internal & external issues of power industry and draft an Environment policy.</p>	20	CO4
Q2	<p>Refer Air Pollution Act 1981 & EPA 1986 & answer the following:</p> <p>1 Given the current situation of smog and pollution in NCR region and supreme court observation that the odd even rule is not having scientific basis, what amendments do you think need to be brought in the law to curb pollution.</p> <p>2 How do you think the amendments that you will be suggesting will enhance the power of regulatory authorities</p>	10+10	CO4