


Name:			
Enrolment No:			
UPES End Semester Examination, May 2024			
Course: L.L.M (Environmental and Energy Laws)		Time : 03 hrs.	
Semester: II		Max. Marks: 100	
Program: Nuclear Energy and Sustainable Development			
Course Code: CLEL7017			
Instructions:			
<ol style="list-style-type: none"> 1. Pay attention to the word limits mentioned for each section. 2. Read every question carefully before attempting. Answers are expected to be crisp and relevant to the point. 			
SECTION A (5Qx2M=10Marks)			
S. No.		Marks	CO
Q 1	What is the objective of CNS?	2	CO1
Q 2	What is the purpose of TPNW?	2	CO2
Q 3	There are more than a dozen States with whom India has negotiated a PCNCA. Mention at least eight such States.	2	CO1
Q 4	What is the safety manual of IAEA?	2	CO2
Q 5	Who is responsible for decommissioning nuclear power plants in India?	2	CO2
SECTION B (4Qx5M= 20 Marks)			
Q 6	Name at least four international Conventions on nuclear law sponsored by the IAEA or to whom IAEA is a Party as an international organization.	5	CO2
Q 7	What was the purpose behind creation of IAEA? How did 'Atoms for Peace' policy affect it?	5	CO2
Q 8	What is ICRP? What is the nature of its recommendations?	5	CO3
Q 9	What is ENATOM and its significance?	5	CO3
SECTION-C (2Qx10M=20 Marks)			
Q 10	Discuss the issue areas surrounding operator's liability. Can supplier be held liable for a nuclear damage in India? Exemplify through Civil Liability for Nuclear Damages Act. (300 Words)	10	CO3

Q 11	What are the different issue areas with the capacity and efficiency of nuclear power? Has Fukushima Daichi nuclear accident been a stumbling block in the nuclear power expansion? Examine. (300 Words)	10	CO2
SECTION-D (2Qx25M=50 Marks)			
Q12	Discuss the meaning of following terms applicable in the physical protection of nuclear material with relevant examples from India and abroad. <ol style="list-style-type: none"> 1. Contamination 2. Adequate Protection 3. Nuclear Fuel Cycle 4. Intervention 5. Accident (600 Words)	25	CO3
Q13	To undertake acts of nuclear terrorism, insurgent or revolutionary groups would require access to nuclear weapons, nuclear power plants or nuclear waste storage facilities. Should they seek to acquire an assembled weapon, terrorists could aim at any of the nuclear weapons deployed in the national arsenals of a State. In the light of such a threat to international community discuss various elements of laws as recognized by international community. (600 Words)	25	CO3