


Name: Enrolment No:			
<p style="text-align: center;">UPES End Semester Examination, May 2025</p> <p> Course: Nuclear Energy and Sustainable Development Program: L.L.M Course Code: CLEL7017 </p> <p style="text-align: right;"> Semester: II Time : 03 Hrs. Max. Marks: 100 </p> <p>Instructions:</p> <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 raised in question. 			
SECTION A (5Qx2M=10Marks)			
		Word Limit 50 words	
S. No.		Marks	CO
Q 1	What do you mean by INFCIRC?	2	CO1
Q 2	Who are national and international regulators of nuclear energy programmes ?	2	CO1
Q 3	What is the role of NSG in the international nuclear supply chain?	2	CO2
Q 4	What is the role of ESL?	2	CO2
Q 5	What is ICRP and its brief role concerning radiation protection?	2	CO2
SECTION-B (4Qx5M= 20 Marks)			
		Word Limit 125 words	
Q 6	What are the various laws concerning nuclear terrorism in India?	5	CO2
Q 7	What are the different elements constituting a nuclear fuel cycle?	5	CO3
Q 8	What is INLEX and its role in the nuclear energy law and policy?	5	CO2
Q 9	nuclear reactor explode like a nuclear bomb? Discuss.	5	CO3
SECTION-C (2Qx10M=20 Marks)			
		Word Limit :250 words	
Q 10	The International Court of Justice (ICJ) has sparingly decided upon nuclear activities so far. Discuss the crucial part of ICJ determinations from different case laws (300 Words)	10	CO2
Q 11	Discuss the various activities involved in the process of decommissioning a nuclear power plant facility? (300 Words)	10	CO2

SECTION-D			
(2Qx25M=50 Marks)		Word Limit: 700 words	
Q12	<p>Evaluate the meaning of following nuclear law terms as applicable in the light of at least one contextual example/situation as arose/arisen with respect to physical protection of nuclear material.</p> <p>(a) Accident (b) Adequate Protection (c) Contamination (d) Intervention (e) Off Site Emergency</p>	25	CO3
Q13	<p>A State's nuclear law should sets forth the regulatory functions essential for protecting public health, safety, and the environment. There are different provisions in the Joint Convention (1997) and in the Convention on Nuclear Safety (1994) which provide for the same.</p> <p>Question: In light of the above, <u>examine the significance</u> of it with respect to following:</p> <ol style="list-style-type: none"> 1. Authorization 2. Inspection and Assessment 3. Enforcement 4. Establishing safety requirements and regulations 5. Public Information 	25	CO3