

Name:	 UPES UNIVERSITY WITH A PURPOSE
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May-June 2021

Program: MBA Power Management	Semester – IInd
Subject (Course): Hydro & Nuclear Power resources Mgt.	Max. Marks: 100
Course Code : PIPM7007	Duration: 3 hrs
No. of page/s: 2	

SECTION A

1. Each Question will carry 5 Marks
2. Attempt all Questions

		Mar ks	CO
Q 1	Complete the Abbreviations 1. AT&C Loss 2. NPCL 3. NPT 4. UJVNL 5. NHPC	5	CO1
Q2	Name Chairman of Atomic Energy Commission of India and NHPCL.	5	CO1
Q3	Differentiate among Micro, Mini & Small Hydro Power Plant.	5	CO1
Q4	Why Hydro Power Plants are called as multi-purpose projects.	5	CO1
Q5	What is HPO proposed in India? Explain.	5	CO2
Q6	Differentiate Fission from Fusion.	5	CO2

SECTION B

1. Each question will carry 10 marks
2. Instruction: Write short / brief notes

Q7	Explain Nuclear Power scenario in India at present with suggestions for future.	10	CO3
Q8	“Uttarakhand should go for large scale Hydro-power” -Explain critically this statement.	10	CO3
Q9	Explain working of Hydro Power Plant with a neat diagram.	10	CO2
Q10	Explain working of any Nuclear Power Plant with key features.	10	CO2
Q11	Explain Hydro-Power scenario in India at present with suggestions for betterment in future.	10	CO3

SECTION-D

Question carries 20 Marks.

Q12	Calculate tariff for a 500 MW Hydro Power Plant in your state assuming all data as per CERC norms and regulation.	20	CO4
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