UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2023

Course: Energy Conservation & Audit   **Semester:** III
Program: MBA Power Management   **Time** : 03 hrs.
Course Code: PIPM8004   **Max. Marks: 100**
Instructions:

SECTION A
10Qx2M=20Marks (Answer All Question)

S. No.		Marks	CO
Q 1	What is the Cross Border Adjustment Mechanism? Explain.	2	CO1
Q 2	What is Energy Efficiency & Audit? Explain.	2	CO1
Q 3	What is ECBC, ESCO and SEC?	2	CO1
Q 4	Explain Energy Intensity.	2	CO1
Q 5	What is the PAT? Explain	2	CO1
Q 6	Name 5 equipment where Standard and Leveling have been introduce in India.	2	CO1
Q 7	Give full form of UNFCCC and NAPCC.	2	CO1
Q 8	Is separate Act for Energy Conservation require? Give reason.	2	CO1
Q 9	What is Sustainability? Explain.	2	CO1
Q 10	Expand MoEF&CC and NMEEE.	2	CO1

SECTION B
4Qx5M= 20 Marks

Q 1	Give fifteen Energy Intensive Industries as per Energy Conservation Act.	5	CO2
Q 2	Explain roles of BEE as institutional mechanism for Energy Conservation.	5	CO2
Q 3	Analyze the India ambitious growth plan for non-fossil fuel up to 2030 with suggestions for better implantation after explaining for reduction in GHG emission as per Paris Agreement.	5	CO2
Q 4	Explain Panchamitra program for GHG emission reduction and Energy Security. OR Explain REC mechanism with latest Amendments.	5	CO2

	SECTION-C **3Qx10M=30 Marks**		
Q 1	Explain main points of Energy Conservation Act 2001 with your critical analysis.	**10**	**CO3**
Q 2	Critically analyze and evaluate impact of future Carbon Trading after explaining it in brief. OR Critical evaluate proposed Cross Border Adjustment Mechanism by EU and its impact on Developing countries like India.	**10**	**CO3**
Q 3	Critically analyze recent Amendments in the Energy Conservation Act in 2022 and its impact in India.	**10**	**CO3**
	SECTION-D **2Qx15M= 30 Marks**		
Q1	In details please give 18 Parts of EA2003.	**15**	**CO4**
Q 2	In brief please give 185 Sections of EA 2003 with section wise nomenclature.	**15**	**CO4**