Name:

**Enrolment No:** 



Max. Marks: 100

#### UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

#### **End Semester Examination, December 2018**

Programme Name: M. Plan

Course Name : Environmental Impact Assessment : III

Time : 03 Hrs

Course Code : MPLE812

Nos. of page(s) :2

Instructions: Please attempt all questions from Section "A", Section "B" and Section "C"

#### **SECTION A: 20 Marks**

Q.1.	Define following terms a) Earth Summit b) Ecological Foot print	4	CO1
Q.2.	What are the key features of Environment (Siting for industrial project) Rule 1999?	4	CO2
Q.3.	What is the difference between Rapid EIA and Comprehensive EIA?	4	CO3
Q.4.	What do you mean by Category A and Category B under EIA notification 2006?	4	CO2
Q.5	What are the advantages and disadvantages of Network method and Expert system?	4	CO3

#### **SECTION B: 40 Marks**

# Note: Student are required to attempt all questions from Section "B" however internal choice is given among Q. 10 and Q.11 student may attempt any one question i.e Q.10 or Q.11

Q.6.	Define "Environment Management". Explain various approaches of Environment Management which you will implement to achieve sustainability.	8	CO1
Q.7.	What is the concept of "Environmental Movement"? Explain salient feature of Chippko movement and Appiko movement.	8	CO1
Q.8.	Explain EIA process of Nuclear Power Plant which is carried out in order to take environmental clearance from MoEF and Climate Change.	8	CO4
Q.9.	Explain EMP (Environmental Management Plan) which you will formulate for thermal power plan during EIA process.	8	CO4
Q.10.	What are the different types of checklist which you will use as a EIA tool for scoping, prediction and evaluation process of EIA?  Or	8	CO3
Q.11.	Explain various component of EIA which you will consider for taking environmental clearance from MoEF & Climate change for Building and Construction project,	8	CO4

	Township and area development Project.		
	SECTION-C (40 Marks)		
Note	: Question No. 12 is compulsory and student may attempt any one question i.e eith	er Q.13 o	r Q.14
Q.12.	Describe the Prior Environmental Clearance Process for activities falling under category A and Category B Projects, as per the revised Notification issued on 14 <sup>th</sup> September, 2006 for thermal power plant with schematic diagram	20	CO3
Q13.	Describe various methodologies which you will follow for taking environmental clearance for Hydel Power Project.  Or	20	CO4
Q.14.	What do you mean by TOR (Terms of Reference). Explain all environmental components which are considered under TOR (Term of Reference) for Port and Harbor Project.	20	CO3

Note: - Pl. start your question paper from next page

Name:	<b>UPES</b>
Enrolment No:	OPE3

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Instructions: Please attempt all questions from Section "A", Section "B" and Section "C"

### **SECTION A: 20 Marks**

Q.1.	Define following terms a) Rainwater Harvesting b) Watershed Management	4	CO1
Q.2.	What are the advantages and disadvantages of Network method and Expert system?	4	CO3
Q.3.	What is the difference between Regional EIA and Sectorial EIA.	4	CO2
Q.4.	What do you mean by Category A and Category B under EIA notification 2006.	4	CO3
Q.5	What are the key features of Environment (Siting for industrial project) Rule 1999.	4	CO2

#### **SECTION B: 40 Marks**

## Note: Student are required to attempt all questions from Section "B" however internal choice is given among O. 10 and O.11 student may attempt any one question i.e O.10. or O.11

	among Q. 10 and Q.11 student may attempt any one question i.e Q.10. or Q.1	LI	1
Q.6.	What is an environmental movement? Explain any four National Environmental and International Environmental Movements / conferences which occurred in the past for	8	CO1
	conserving and protecting environment.		CO1
Q.7.	Explain EMP (Environmental Management Plan) which you will formulate for thermal power plan during EIA process.	8	CO3
Q.8.	What are the different types of checklist which you will use as a EIA tool for scoping, prediction and evaluation process of EIA?	8	СОЗ
Q.9.	Define "Environment Management". Explain various approaches of Environment Management which you will implement to achieve sustainability.	8	CO1
Q.10.	Explain various component of EIA which you will consider for taking environmental clearance from MoEF & Climate change for Building and Construction project, Township and area development Project.	8	CO4
	<u>Or</u>		
Q.11.	Explain EIA process of Nuclear Power Plant which is carried out in order to take environmental clearance from MoEF and Climate Change.	8	CO4

#### **SECTION-C (40 Marks)**

Note:	Note: Question No. 12 is compulsory and student may attempt any one question i.e either Q.13 or Q.14			
Q.12	What do you mean by TOR (Terms of Reference). Explain all environmental			
	components which are considered under TOR (Term of Reference) for Port and	20	CO4	
	Harbor Project.			
Q13.	Describe the Prior Environmental Clearance Process for activities falling under category A and Category B Projects, as per the revised Notification issued on 14 <sup>th</sup> September, 2006 for thermal power plant with schematic diagram  Or	20	CO3	
Q.14.	Describe various methodologies which you will follow for taking environmental clearance from MoEF and Climate Change for Hydel Power Project.	20	CO4	