



## End Semester Examination – Nov/Dec – 2016

**Code : 14CE3038**  
**Sub. Name : ENVIRONMENTAL IMPACT ASSESSMENT**

**Semester : 2016-17 ODD**  
**Duration : 3hrs**  
**Max. marks : 100**

### ANSWER ALL QUESTIONS (5 x 20 = 100 Marks)

Q. No.	Sub Div.	Questions	Course Outcome	Marks
1.	a.	List out various places where EIA needed.	CO 1	1
	b.	What is stepped matrix method?	CO 2	1
	c.	What are the important aspects of EIA?	CO 1	5
	d.	Explain about scope of EIA.	CO 1	5
	e.	Explain the principles of EIA?	CO 1	8
(OR)				
2.	a.	What are two drawback of ad-hoc method?	CO 2	2
	b.	Where are experts drawn from for EIA?	CO 1	2
	c.	Explain the purpose of EIA?	CO 1	4
	d.	Why is EIA important?	CO 1	4
	e.	List the various EIA methods. What are the criteria used for selecting best EIA method in a given situation?	CO 2	8
3.	a.	What are the chemical properties of water?	CO 2	1
	b.	What is Battelle Environmental Evaluation System		1
	c.	Explain the three core values of EIA?	CO 1	4
	d.	Numerate the legal bases of EIA.	CO 2	7
	e.	Explain the EIA methodology?	CO 1	7
(OR)				
4.	a.	List out methods of EIA.	CO 2	2
	b.	What are the surface water bodies?	CO 2	2
	c.	What is a impact interpolation and evaluation criterion for selecting EIA methodologies?	CO 1	4
	d.	What are various pollution load factors?	CO 2	6
	e.	Explain one case study for the Environmental Impact Assessment?	CO 1	6
5.	a.	In which terms water quality is examined?	CO 1	1
	b.	What are the objectives and scope of EIA auditing?	CO 2	1
	c.	What is impact communication criterion for selecting EIA methodologies	CO 1	5
	d.	Discuss the salient features of Rapid assessment methods.	CO 1	5
	e.	What are different categories of check methods? Discuss different environmental factors to be considered in check list methods	CO 2	8
(OR)				
6.	a.	What is the importance of EIA auditing?	CO 1	2
	b.	What are the reasons for environmental auditing?	CO 2	2
	c.	Check list are useful in which conditions better?	CO 2	4
	d.	What are types of objective – based EIA auditing?	CO 1	6
	e.	What are ad-hoc methods? Where they are useful? What are its draw backs?	CO 2	6
7.	a.	What is EIA Auditing?	CO 1	1
	b.	What are the objectives of EIA auditing?	CO 1	1

	c.	What is scope of EIA auditing?	CO 1	5
	d.	What are types of client driven EIA auditing?	CO 1	5
	e.	Explain about waste audits and pollution prevention assessments	CO 2	8
(OR)				
8.	a.	What are EIA auditing responsibilities?	CO 1	2
	b.	What are the different activities in a major road laying project likely to have impacts on Soil and ground water environment.	CO 1	2
	c.	What are the reasons for environmental auditing?	CO 1	4
	d.	Discuss what are secondary impacts that can be visualized in dredging and pulp mill projects?	CO 2	4
	e.	Explain about types of auditing.	CO 1	8
<b><u>Compulsory:</u></b>				
9.	a.	Define Environmental Impact Assessment?	CO 1	1
	b.	Who gives the clearance for foresting projects?	CO 2	2
	c.	Explain any two environmental components of EIA.	CO 1	4
	d.	List out methods of EIA and Explain briefly.	CO 2	4
	e.	What are the steps taken in Environmental Impact Assessment?	CO 1	9

ALL THE BEST