

(Following Paper ID and Roll No. to be filled in your Answer Books)

PAPER ID :**Roll No.**

--	--	--	--	--	--	--	--	--	--

B.TECH**Theory Examination (Semester-VI) 2015-16****ENVIRONMENTAL IMPACT ASSESSMENT AND AUDIT****Time : 3 Hours****Max. Marks : 100****SECTION-A**

1. Attempt all parts. All parts carry **equal** marks. Write answer of each part in short. (2 x 10 = 20)

- What is Life Cycle Analysis?
- How to develop an environmental assessment plan?
- What is Gaia Principles?
- What are the impacts of Global Warming?
- What are the analyses to be included in the environmental audit?
- What are the types of environmental audits?
- What is meant by green house effect?
- Why is environmental audit carried out?
- How providing financial incentives can help in environment protection?
- What is an Eco-label?

SECTION-B

2. Attempt any **five** questions from this section.

(10 x 5 = 50)

- Explain in detail about the stages in the prior environmental clearance process for new projects.
 - What is the necessity of preparing an environmental base map?
- Elaborate in detail about the steps involved in attaining green rating for a project and also discuss briefly about the rating methodology.
- What is uncertainty in EIA and how to manage them? Discuss the key elements for assessing impact significance in EIA study.
- What are the advantages of environmental audit studies? Explain briefly about the writing of environmental audit report and audit follow up activities.
- How developing a checklist is useful in environmental audits? Prepare a typical checklist for an environmental audit conducted for erosion and sedimentation control.

www.uptunotes.com

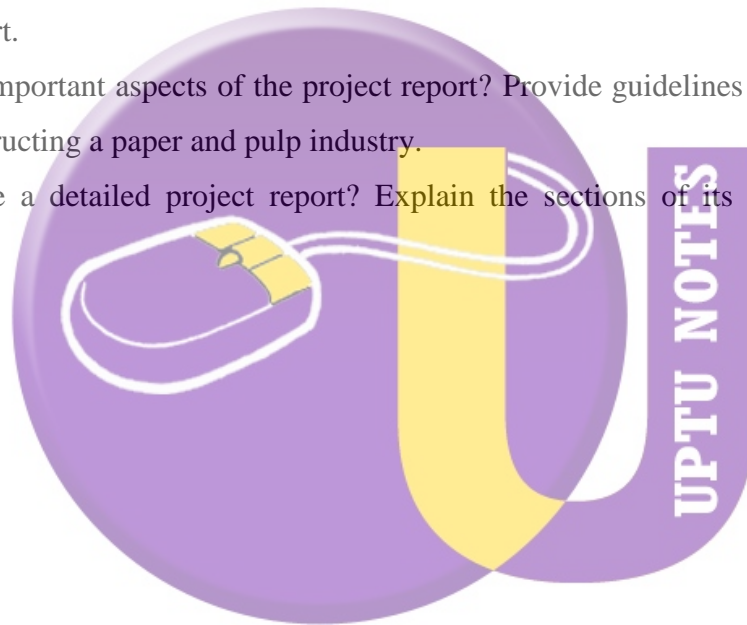
- f) What do you mean by environmental data? Explain in detail the sampling methods and strategies for various types of environmental data .
- g) What is the EMP and its importance? Explain in detail about the considerations needed for environmental management plans.
- h) (i) Write about public participation and how it is helpful in EIA process.
(ii) Give the general methodology for the assessment of impacts on surface water environment.

SECTION-C

Attempt any **two** questions from this section.

(15 x 2 = 30)

- 3. Explain in detail with a case study from any one industry how environmental auditing is carried out in Indian scenario.
- 4. (i) Explain in detail about the stages involved in the EIA process with flow chart.
(ii) Discuss in detail about the process of Environmental auditing and various activities involved in it with flow chart.
- 5. (i) What are the important aspects of the project report? Provide guidelines for preparing a project report for constructing a paper and pulp industry.
(ii) How to prepare a detailed project report? Explain the sections of its template with suitable examples.



www.uptunotes.com