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Improvement Test

Sub:	Environmental impact assessment					Code:	10CV847
Date:	27/05/2017	Duration:	90 mins	Max Marks:	50	Sem:	VIII
						Branch:	Civil

All Questions are compulsory

		Marks	OBE	
			CO	RBT
1.	Define environment management plan. Explain management plans for various resources.	20	C807.3	L2
2.	Bring out clearly guidelines of EIA for development projects substantiate with an example.	10	C807.4	L2
3.	What is the importance of public participation in environmental decision making? What are the advantages and disadvantages of public participation?	10	C807.3	L2
4.	Explain the objectives of public participation in various stages of EIA.	10	C807.3	L2

*Answer*

*[Handwritten signature]*

Preparation of Environmental Impact assessment is required for formalation, Implementation & monitory of Environmental pollution measure during and after completion of projects.

Cost of the method for Environmental safeguard should be treated as the Integral component of the project cost and Environmental aspect should be taken into account at various stages of the project.

- \* Conceptualization:- preliminary Environmental assessment.
- \* planning:- Detailed studies of Environmental Impact and design of the Drawing.
- \* Execution:- Implementation of Environmental safeguard.
- \* Operation:- Monitory of Effectiveness of built in safeguard.

The management plans should be necessity based on the Considerable of resources convection & Pollution a basement some of which are.

- 1) Liquid Effluent
- 2) Air pollution
- 3) Solid waste
- 4) Noise pollution
- 5) Occupational safety & Health.
- 6) prevention & maintenance.
- 7) House keeping
- 8) Human settlements
- 9) Transport system.
- 10) Recovery - Reuse of waste producer.
- 11) Vegetal cover
- 12) Disaster planning.
- 13) Environmental Management Cell.

### 1) Liquid Effluent:-

\* Effluent from Industrial plants should be treated well to the standards as prescribed by the Central pollution control boards.

\* ~~The toxic~~ Effluents should not be resorted to as it can result in re surfacing & ground water contamination.

### 2) Air pollution:-

\* The Emission levels of pollutants from the different streets, should conform to the pollution standards prescribed by central or state board.

\* In the plant control measures should properly managed to the control of Air pollution.

3) Solid waste:-

The Management plan should be considerable of solid waste product where it has been dumping the waste.

4) Noise & Voice pollution:-

Surrounding the project area the Noise & Voice should be Reduce, It should not more Noise it should in low or medium.

5) Occupational Safety & Health:-

The safety should be taken care for human health and should be in proper condition of Occupational of the safety & Health.

6) House Keeping:-

The House should be kept clean & good maintenance indoor as well as outdoor.

### (7) Transport System:-

Proper parking should be available or should provide for the vehicle by the Industries ~~for~~ for any <sup>Secure</sup> ~~leaves~~ traffic.

### (8) Prevention & Maintenance:-

Proper prevention & Maintenance should be taken for the management of EIA assessment.

### (9) Human Settlement:-

The Human Settlement should be in proper manner and should be in <sup>dump in far places.</sup> ~~in~~ ~~conform~~ ~~to~~ ~~condition~~.

### (10) Recovery - Recuse of waste producer:-

The waste producer should be dump in far places in without any harmful to the society.

### (11) Vegetal Cover:-

The proper vegetal cover should be provide surrounding the place.

### (12) Environmental Management cell:-

Over all this it should be Environ-mental assessment approved for the preparation of EIA assessment.

- 3] The Important of public participation in Environmental decision making.
- The Selected Significant Environmental Impacts to be studied as part of over all EIA are as follows.
- a) Environmental problems caused by project location.
  - b) Environmental problems Related to System design.
  - c) Environmental problems during construction phase.
  - d) Environmental problems Resulting from operation.
  - e) The Estimated optimum or optimum time Required for EIA.
  - f) Total Estimated cost of the recommended EIA is approximately.

## Advantages :-

- 1) It can ~~ensure~~ serve as machine for exchange of Information may provides sources of Information  
a) local values
- 2) This opens exert pressure on decision making
- 3) It can aid in Establishing & credibility of the planning & assessment process.
- 4) Agency provides judicial & public Examination factor and consideration in making process

## Dis-advantages :-

- 1) ~~The~~ public participation in decision making can cause high cost & is not Economical.
- 2) The money and time will be more in the public participation.

## EIA Guidelines for development.

1) The Initial Environmental Examination on Indicated, in the checklist show that project involves potential serious adverse Environmental Impact. which must be given careful attention in planning, design, construction, operation & monitoring of the project in order to minimize and effect adverse effect & ∴ a follow up the EIA is required.

2) The ~~feasibility~~ Study for the project to be done by project consultant should include an EIA

3) The Environmental Impact which should implies the careful attention in planning, design, construction, operation of the given project includes an EIA



(4) The project ~~manne~~ consulted should be go through with all Harmfull ~~Red~~ Remedies in the project is Includes an EIA.

(5) The Environmental Studies should be optimum time Required for the project Consulted is includes in an EIA.

↳ Screening - Identification of Significant Impacts.

↳ Scoping - Identification of public participation & values  
Identification of priorities for assessment  
and Encouraging public understanding of  
the proposed project

↳ Assessment :- The public can contribute to  
local knowledge & values to the prediction  
Evaluation & mitigation of Impacts, Improv-  
-ment in quality & acceptability of  
EIA Reports.

↳ EIA Report & Review :- public  
contribute to Evaluate of quality &  
acceptability of Report.

↳ Decision - public comment on acceptability of  
project Impact.

↳ Monitoring - public Evaluate Impacts that  
occurs & support project Environmental management  
process.