



**B.E DEGREE EXAMINATIONS: APRIL/MAY 2016**

(Regulation 2009)

Eight Semester

**CIVIL ENGINEERING**

CEE209: Environmental Impact Assessment Civil of Engineering Project

**Time: Three Hours**

**Maximum Marks: 100**

**Answer all the Questions:-**

**PART A (10 x 1 = 10 Marks)**

1. NEPA stands for
  - a) National Environment Pollution Act
  - b) Non Environment Policy Act
  - c) National Environment Policy Act
  - d) National Environment Policy Association
2. Select best Environment protection measure
  - a) EIA
  - b) EP
  - c) EA
  - d) ISO
3. The land subsidence occur due to
  - a) Deforestation
  - b) Underground mining
  - c) Removal of excess ground water
  - d) Heavy down power
4. Biological magnification of pesticides takes place through which of the following
  - a) Population pyramids
  - b) Hydrological cycle
  - c) Food chain
  - d) Air cycle
5. The primary cause of acid rain in the world is
  - a) Carbon di oxide
  - b) Carbon monoxide
  - c) Sulphur di oxide
  - d) Ozone
6. According to MoEF/New delhi, the mining and Harbour projects come under
  - a) A category
  - b) C category
  - c) A and B respectively
  - d) Aand C respectively
7. In quantifying damage EIA considers
  - a) Reversible and Irreversible effects in same category
  - b) Balance between gains and losses due to various activities
  - c) Adverse effects on human beings
  - d) All pollution monitoring and controlling scheme



22. a) What are the four methodologies used in EIA? Explain any two in detail.

**(OR)**

- b) (i) Explain in detail about the environment impact on biological environment. (7)  
(ii) Write about the History and philosophy of EIA. (7)

23. a) (i) What are the legislative measures to control air pollution? (7)  
(ii) Write a detailed note on identification of activities which will have different types of impacts on ground water quantity –quality. (7)

**(OR)**

b) Write about step by step EIA process for a Smart City.

24. a) Discuss role of modeling in prediction and assessment on impacts of water pollution with examples.

**(OR)**

b) What are the significant environmental issues to be considered while planning to develop a new National highway?

25. a) Explain EIA Case study report for a Dam project and an Apartment building.

**(OR)**

- b) (i) What are the Pre and post environment Audit Activities? (10)  
(ii) List out the methods for review of an EIA report. (4)

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