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Total Number of Pages: 1 bput question papers visit <http://www.bputonline.com>

M.TECH
P2EVCC07

2nd Semester Regular Examination 2016-17

Environmental Impact Assessment

BRANCH: ENVIORN ENGG., ENVIRONMENTAL SCIENCE AND ENGG

Time: 3 Hours

Max Marks: 100

Q.CODE: Z812

Answer Question No.1 which is compulsory and any FOUR from the rest.

The figures in the right hand margin indicate marks.

- Q1** Answer the following questions: **Short answer type** (2 x 10)
- Which Notification by Govt. of India has made EIA mandatory in India.
 - Define strategic and regional EIA?
 - What are the different types of scales used in scaling check list methods?
 - Define strategic and regional EIA?
 - Is public participation necessary in EIA? Why.
 - What do you mean by Environmental Impact Statement (EIS).
 - Why is post project monitoring necessary?
 - What are the benefits of EIA.
 - Define conflict in EIA?
 - What are the differences between rapid EIA and comprehensive EIA?
- Q2**
- Discuss the importance of screening in EIA process. List out the various methods for screening process. (10)
 - What are the various methods for prediction of impacts of the affected environment (10)
- Q3**
- Discuss the socio-economic impacts due to a highway development project in a medium sized city in India. (10)
 - What are the various mechanisms for the public involvement at various stages of EIA? (10)
- Q4**
- Discuss Rapid Impact Assessment Matrix (RIAM) as a tool for comparison of alternatives and decision matrix. (10)
 - Compare the strength, weakness and applicability of the methodologies commonly used in EIA. (10)
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- Q5**
- What are the typical impacts of development projects on land environment? Elaborate. (10)
 - How can a hydroelectric dam project affect the ecology of an area? (10)
- Q6**
- What are the major provisions of EIA notification issued by the Govt. of India in the year 2006? (10)
 - Explain the role of 'Public Participation' in environmental assessment. Give examples. (10)
- Q7**
- Assessing social impacts is the most tedious task in the EIA of a project. Discuss (10)
 - Discuss the socio-economic impacts due to a highway development project in a medium sized city in India. (10)