

GUJARAT TECHNOLOGICAL UNIVERSITY
BE – SEMESTER–VIII • EXAMINATION – WINTER • 2014

Subject Code: 181302**Date: 29-11-2014****Subject Name: Environmental Impact Assessment****Time: 02:30 pm - 05:00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q-1** (a) Explain the Different EIA methods & Explain in detail any one. **07**
 (b) Explain EIA is a Four step activity. **07**
- Q-2** (a) EIA is an obstruction in the path of development. Express your views. **07**
 (b) Define with the help of example (i) Short term & long term impact. (ii) **07**
 Reversible & Irreversible impact.
- OR
- (b) Define with the help of example (i) Quantifiable and non quantifiable **07**
 impacts.(ii) Acceptable and non acceptable impacts
- Q-3** (a) Define “sustainable development”. Enlist the methods to achieve sustainable **07**
 development. Explain Carrying capacity based developmental planning to achieve
 sustainable development.
 (b) Explain the difference between the Environmental effects & impact with **07**
 appropriate help of diagram.
- OR
- Q-3** (a) Write a short note on the “Need of EIA” for developing Countries. **07**
 (b) Enlist the Drawbacks of EES method. **07**
- Q-4** (a) “EIA is a paper tiger” Give your comments. **07**
 (b) Explain the Procedure to be followed for obtaining Environmental Clearance as per **07**
 EIA Notification 2006.
- OR
- Q-4** (a) Explain the importance of describing ‘land use’ in EIA. **07**
 (b) How will you describe the project from point of view of developing EIA. **07**
- Q-5** (a) Define Environmental Attribute & enlist the activities involved the description of it. **07**
 Explain any four activity.
 (b) Explain in detail the “Interaction Matrix” method. **07**
- OR
- Q-5** (a) Enlist the drawbacks of Matrix method of EIA. **07**
 (b) Highlight the advantages & disadvantages of Public Participation in the overall **07**
 Environmental Clearance Process for any Project.
