

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)**

**CLASS: M.TECH
BRANCH: ESE**

**SEMESTER : III
SESSION : MO/19**

SUBJECT: CE537 ENVIRONMENTAL IMPACT ASSESSMENT AND LEGISLATION
TIME: 3 HOURS

FULL MARKS: 50

INSTRUCTIONS:

1. The question paper contains 5 questions each of 10 marks and total 50 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Before attempting the question paper, be sure that you have got the correct question paper.
 5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.
-

- Q.1(a) Evaluate how the policies and plans in India are directioned towards achieving the MDGs. [5]
Q.1(b) What initiatives under Montreal protocol target sustainability? [5]
- Q.2(a) Elaborate the power and functions of central government under Air Pollution Control Act. [5]
Q.2(b) Discuss the salient features of Wildlife Protection Act. [5]
- Q.3(a) FORM 1 of EIA notification has been submitted on 1st Jan 2019, plan the clearance process using a flow diagram and illustrate the TOR using suitable example. [5]
Q.3(b) Compare the impact assessment methodologies. [5]
- Q.4(a) Design an EMP for a cement Industry. Take suitable Assumptions. [5]
Q.4(b) Create an EIA report for Coal Mining Industry. Take suitable Assumptions. [5]
- Q.5(a) Write Short notes on ecolabels and life cycle Assessment. [5]
Q.5(b) Design and plan an environmental audit cycle for any company using scope, duration, and depth. Further illustrate upon the meetings held during the audit cycle. [5]

:::::25/11/2019:::::M