

Mid-West University
Examinations Management Office
End Semester Examinations-2080

Master level/ M. Sc. (Construction Management)/ 2nd Semester
Time: 3 hours

Subject: Environment Impact Management (ELE521/CM726)

Full Marks: 60
Pass Marks: 30

- Attempt all the questions.
- Figures in the margin indicate full marks.
- Assume suitable values, with a stipulation, if necessary.
- Candidates are required to answer the questions in their own words as far as possible.

1. Define pollution with its types. Also write the causes and effects of different types of pollution. [2+4]
2. a) Write the concept of cleaner production-energy efficiency in environment management system. What are the strategies and techniques for cleaner production and energy efficiency? [2+4]
b) What are the key objectives and main features of Disaster Risk Reduction Act of Nepal? [5]
3. a) Explain environmental philosophy. Justify that Environmental Impact Assessment (EIA) is a critical tool for achieving sustainable development. [5]
b) List out the EIA approaches and EIA methodologies. Briefly describe any two EIA methodologies. [7]
4. a) Define the Initial Environmental Examination (IEE). And what are the scope and limitation of IEE during its execution? [6]
b) DOR is planning to build a motorable bridge (Span >50m) at Bheri river with an investment cost of around 260 million. Explain briefly about the preparation of Environment Management Plan for this project. [6]
5. a) What are the different types of impact prediction method? How impact identification and prediction play the important role to enhance effectiveness and comprehensiveness of Environmental Impact Assessment (EIA) studies? [6]
b) Write briefly the EIA practices of any two developed countries. [5]
6. Write short notes on following (*Any two*); [2×4=8]
 - i. Environmental Auditing.
 - ii. Environmental protection measures.
 - iii. Concept of waste water management

The End