

Mid-West University
Examinations Management Office

End Semester Examinations 2081

Bachelor level/ B.E. Civil/ 6th Semester

Time: 3 hours

Full Marks: 50

Pass Marks: 25

Subject: Environmental and Social Impact Assessment (ESIA) (CE473)

- *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 ESIA. Write strengths and limitation of ESIA. [1+4]
 2. What do you mean by sustainable development? Write the process in conducting environmental impact assessment. Explain briefly. [1+4]
 3. What is screening? Write the main purpose of screening. Why it is considered as important part of EIA process. [1+2+2]
 4. Describe the purpose and importance of baseline data collection. What are content of TOR and write the importance of TOR in EIA/IEE. [2+3]
 5. What is environmental auditing? What are the method of impact identification? Briefly explain few of them. [1+3]
 6. Compare between BSA, IEE and EIA based on EPA 2076 and EPR 2077. [5]
 7. What is review criteria used in EIA decision making? Give an account of importance of environmental management plan. [5]
 8. Discuss various types of Environmental Monitoring. How environmental monitoring differ from evaluation? List approach of environmental monitoring. [6]
 9. What is public hearing? Write the importance of public hearing. [1+4]
 10. Surkhet airport is planned to be expanded. What may be the impact due to extension of airport? What are physical and biological issues that needs to be covered the baseline data? How do you collect necessary data? Explain. [5]

The End