

Mid-West University
Examinations Management Office
Birendranagar, Surkhet
Chance - Examination, 2080

Subject: RD 532- Rural Technology

FM:60

Level/program: Master (M.A)

Semester: III

Time: 3 Hours

PM:30

Candidates are required to answer the questions in their own words as far as practicable.

Attempt **ALL** of the following Very Short Answer Questions.

10x1=10

1. What is technology?
2. Write down the features of low technology.
3. Briefly define clean development mechanism.
4. Write short note on improved water mills.
5. List out the benefits of green roads.
6. Point out the uses of biogas.
7. What is sprinkle irrigation system?
8. Define solar energy.
9. Write short note on traditional fishing system.
10. Mention the benefits of renewable energy.

Attempt any **THREE** of the Following Short Questions.

3x8=24

11. Define appropriate technology and mention its roles in rural transformation.
12. Explain about energy consumption in agriculture sector.
13. Biomass-based energy is very popular in rural areas of Nepal. Explain the statement.
14. Explain about low cost drip irrigation system for farming.

Attempt any **TWO** of the Following Long Questions.

2x13 =26

15. Differentiate between conventional and non- conventional sources of energy. Which one is more environmental friendly for the people living in rural areas?
16. Explain traditional technology. Are these technologies still useful? Discuss.
17. What are the socio-economic benefits of micro hydropower in rural development?
