Name: \_\_\_\_\_\_ ID: \_\_\_\_\_ 05/12/2023

## BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI, PILANI

## **First Semester 2023 – 2024**

## BITS F474 (Rural Infrastructure Planning) Mid-Semester (Closed Book) Instructor In-Charge: Dr. Nishant Bhargava

Max. Marks: 50 Duration: 90 minutes

- 1. What is the role of MBR and ESR in rural water supply scheme? [6]
- 2. What are the three dimensions for determining India's national Multidimensional Poverty Index. Explain the Alkire-Foster Methodology for the calculation of MPI. [6]
- 3. Explain any three investment opportunities for rural infrastructure development. [6]
- 4. How does rural water supply and sanitation contribute to the rural welfare and development? [6]
- 5. Explain the influence of socio-economic factors on domestic water needs. [6]
- 6. List the factors influencing selection of rural water supply scheme. Explain any 3 factors in detail. [6]
- 7. How does MGNREGA contributes to rural infrastructure development? List any 5 entitlements associated with MGNREGA. [6]
- 8. For the figure provided below, determine whether Village A should be connected with Village B or Village C. [8]

