

MIZORAM PUBLIC SERVICE COMMISSION
MIZORAM CIVIL SERVICES (COMBINED COMPETITIVE)
MAIN EXAMINATION, 2023

FORESTRY PAPER-I

Time Allowed : 3 hours

FM : 100

Marks for each question is indicated against it.

Attempt any 5 (five) questions taking not more than 3 (three) questions from each Part.

PART - A

1. Write the importance of mangrove forests and methods of rehabilitation of degraded mangrove forests. (20)
2. Discuss the role of forest nursery as a seedbank for germplasm conservation, describing the nursery techniques in detail. (20)
3. Discuss the principles, types and techniques of thinning. (20)
4. Discuss the silvicultural characteristics of *Gmelina arborea* and *Chukrasia tabularis*. (20)

PART - B

5. NTFP has been playing a vital role in the rural economy. Write notes on any three commonly used NTFP in Mizoram, highlighting the ways and means to ensure their sustainability. (20)
6. Write notes on the following: (10+10=20)
 - (a) What is provenance? Describe the differences between a provenance and a seed source.
 - (b) Introduction of exotic species often lead to the extinction of land-races, elaborate.
7. Discuss the principles and concepts of watershed management. (10+10=20)
8. What is Climate Change? Explain in detail the causes and mitigation techniques of Climate Change. (20)

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