

# MIZORAM PUBLIC SERVICE COMMISSION

## DEPARTMENTAL EXAMINATIONS FOR JUNIOR GRADE OF M.E.S. (AE/SDO) UNDER POWER & ELECTRICITY DEPARTMENT, SEPTEMBER, 2018.

### ELECTRICAL ENGINEERING PAPER – II (WITH BOOKS)

Time Allowed : 3 hours

FM : 100 PM : 40

*The figures in the margin indicate full marks for the questions.  
Attempt all questions.*

1. Write in detail provisions applicable to installations of voltage exceeding 250 volts as per CEA (Measures relating to safety and electric supply) Regulations, 2010. (10)
2. There are procedures for grant of license including revocation of licensees in Electricity Act, 2013- Explain in detail. (12)
3. Describe functions of Load Despatch Centres. Can power trading be done by LDCs? Give reasons. (5×3=15)
4. Procedures adopting for selection of Members of State Electricity Regulatory Commission. (15)
5. Define in brief as per JERC (M&M) Supply Code 2013- (3×4=12)
  - (a) Demand Note
  - (b) Security Deposit
  - (c) Contract demand
  - (d) Maximum demand
6. Procedure for providing New Electricity Service Connection as per JERC (M&M) Supply Code- 2013. (12)
7. What is the difference between connected load and contracted load? Explain why consumers fixed charge bill will be calculated based on Contracted load rather than connected load? (12)
8. Discuss as provided in the Workman Compensation Act 1923- (3×4=12)
  - (a) Appointment of Commissioner
  - (b) Method of calculating wages
  - (c) Powers and appointment of Commissioners
  - (d) Special provisions relating to workmen aboard of companies and motor vehicles

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