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Syllabus for the selection for post of JE/TRD Grade Day (9300-34800)+GP 4200 for TRD

Departmental J.DCE Quota

1. Details knowledge of OHE equipment & its sign and symbol and diagram
2. Safety rules of OHE, Shoke treatments and fire preventions.
3. Principles, for layout plan and Sectioning diagram for 25 KV AC traction Cantilever.
Electrical clearance, Encumbrance, Contact wire, Catenary wire, Interruption jumpers, Neutral Section, Overlap, Regulating Equipment (ATD), Implantation Stagger Section Insulator, Feeding post, Sectioning Post, Sub Sectioning Post, Sector, Sub-Sector Elementary Section, Turn out and other OHE parameters (including diagrams)
4. Code for Bonding & Earthing for KV A-C Single phase Traction system.
5. Maintenance Schedules of OHE, PTFE, ATD, Turnout & Section Insulator and foot patrolling reports.
6. Power Block and Permit to work.
7. OHE Breakdown & fault Segregation.
8. Pre-monsoon precautions O.D.C.
9. OHE Maintenance Registers.
10. Maintenance Schedule of 132 KV Transmission line and clearance with OHE

PSI

1. Details knowledge of P.S.I. equipment and its sign and symbol.
2. Detail of Traction Sub-Station Equipment, Sectioning post, Protective Relays.
3. Maintenance of power Supply Installation Equipment, like Circuit Breaker (SF-06 & Vacuum type) Interrupter, Power transformers, Batteries, Booster Transformers, Aux- Transformer(A.T.) Lightning Arrestors (L.A.) P.T.S & C.Ts etc.
4. Register for P.S.I. Equipment Maintenance.

R.C.(Remote Control)

1. Details knowledge R.C. Equipment and its sign and symbol.
2. Functional description of SCADA system Technical description of RTU
3. Maintenance of SCADA system, R.T.U. Software feature. U.P.S. with Spl. Attention to the system working in T&N Division.

Establishment and store

Leave Rules, Pass Rules, D&AR Rules, Post/category promotion rules and Materials Indent and Cash Impress details.

राजभाषा हिन्दी

राजभाषा नियम 1976 एवं भारतवर्ष का क्षेत्रीकरण प्रोत्साहन योजनाएँ पुरस्कार, अनुवाद (हिन्दी / अंग्रेजी), सविधान की अष्टन सूचों में राष्ट्रीय भाषाओं का स्थान।

In addition to above-General question will also be asked from Basic Electrical Engg. Maths Chemistry Physics, General Knowledge etc.

DEE/TRD/IZN.
मंडिर / दीवारही / इज्जत.
पूजाचर रेलवे