

NOTIFICATION NO. 05/2017
SYLLABUS

Sl. No.	Post Code	Name of the Post	Syllabus
1.		MANAGEMENT TRAINEE (E&M), (MEN ONLY) (E-2 GRADE).	<p><u>ELECTRICAL:</u></p> <ol style="list-style-type: none"> 1. Electrical Circuits. 2. Electronic Devices & Circuits. 3. Electrical Machines. 4. Electromagnetic fields. 5. Control Systems Engineering. 6. Analog Electronic Circuits. 7. Switching Theory and Logic Design. 8. Electrical Power Generating Systems. 9. Electrical & Electronic Measuring Instruments. 10. Electrical Power Transmission System. 11. Power Electronics. 12. Power Service Conductor Drives. 13. Power System Protection. 14. Power System Operation and Control. 15. Power System Analysis. 16. Electrical Distribution Systems. 17. Utilisation of Electrical Energy. 18. Energy Auditing. <p><u>MECHANICAL:</u></p> <ol style="list-style-type: none"> 1. Engineering Mechanics. 2. Strength of Materials / Mechanics of Solids. 3. Thermodynamics. 4. Metallurgy and Material Science. 5. Production Technology. 6. Theory of Machines. 7. Thermal Engineering. 8. Mechanics of Fluids and Hydraulic Machines. 9. Machine Tools and Metrology. 10. Design of Machine Members. 11. Heat Transfer. 12. Automobile Engineering. 13. Refrigeration & Air Conditioning. 14. General Proficiency.
2.		MOTOR MECHANIC TRAINEE, CAT.I, (MEN ONLY)	<ol style="list-style-type: none"> 1. Trade Theory. 2. Workshop Calculations & Science. 3. Social Study (Employability Skills)