

NATIONAL HIGH SPEED RAIL CORPORATION LIMITED

CORRIGENDUM

Please refer to syllabus uploaded on NHSRCL website for written examination against Vacancy Notice no. 06/2023 to 26/2023 (Except Vacancy Notice No. 23/2023).

The syllabus for the post of Assistant Manager (Rolling Stock – Electrical), Vacancy Notice No. 10/2023 and Assistant Manager (Rolling Stock – Electronics), Vacancy Notice No. 11/2023 were inadvertently interchanged. **Therefore, it is advised to consider the following corrected syllabus for these respective posts for written examination.**

Syllabus for Assistant Manager (Rolling Stock – Electrical) **Vacancy Notice No. 10/2023**

Domain Knowledge ≈ 70%

1. General aspects of Railways such as infrastructure jargons, grades of automation, certification procedure of metros, project phases, etc.
2. Basic understanding of EMU type Rolling Stock such as integration of systems, sub-systems and nomenclature of equipment.
3. Basics of Designing of Propulsion system including HV power collection, transformer, traction converter, traction motor and auxiliary converter etc. of EMU rolling stock (relevant International Standards).
4. Testing and commissioning of Propulsion system including HV power collection, transformer, traction converter, traction motor and auxiliary converter etc. of EMU rolling stock (relevant International Standards).
5. Speed vs Tractive Effort curve, Regenerative Braking, Power requirement & efficiency, Jerk, EMI/EMC, Temperature rise of electrical equipment etc. concepts (relevant International standards).

General Awareness, English, Reasoning ≈ 30%

Syllabus for Assistant Manager (Rolling Stock – Electronics) **Vacancy Notice No. 11/2023**

Domain Knowledge ≈ 70%

1. General aspects of Railways such as infrastructure jargons, grades of automation, certification procedure of metros, project phases, etc.
2. Basic understanding of EMU type Rolling Stock such as integration of systems, sub-systems and nomenclature of equipment.
3. Basics of designing of Train Control and Management System (TCMS) or Train Information and Management System (TIMS); control circuit and other electronics & communication devices of EMU rolling stock (relevant International Standards).
4. Testing and commissioning of Train Control and Management System (TCMS) or Train Information and Management System (TIMS); control circuit and other electronics & communication devices of EMU rolling stock (relevant International Standards).
5. Interface with S&T, PSD and OCC, Train Communication Networks, EMI/EMC, Vehicle/Train Control Circuit, etc. concepts (relevant International standards).

General Awareness, English, Reasoning ≈ 30%