मध्य रेल

No. SUR/P/Loco Rg/ ALP/50% DQ/Eligibility

All Concerned
Solapur Division/Pune Division (for DD- MMR section).

Sub: - Filling up of vacancies of Assistant Loco Pilot ML-2 against 50% departmental quota in Solapur Division.

Ref: - 1) This Office Notification dated 14/05/2024 and 28/05/2024.
     2) This Office letter No SUR/P/Loco Rg/ ALP/50% DQ/Eligibility dated 09/08/2024 and 21/08/2024

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    In connection with the Notification dated 14/05/2024, the list of eligible/provisional eligible and not eligible employees is published vide this office letter dated 09/08/2024.

    Syllabus for the selection of Assistant Loco Pilot 50% Departmental quota is enclosed herewith for your information and necessary action.

DA – As above.

(जी.एस.व्ही.पद्माराव)
सहायक कार्मिक अधिकारी
कृते मंडल रेल प्रबंधक (का)
सोलापुर

C/- Sr.DEE (TR)/SUR, Sr DPO/PA, DME (Op)/PA, DME (O&C)/SUR for information Please.
C/- Ch OS (P) CON for information and necessary action please.

SYLLABUS FOR THE SELECTION OF ASSISTANT LOCO PILOTS FROM ARTISAN & KHALASI

A. General Knowledge:-

1.Name of Political leader of India. 2.Name of the histroical mounments of India. 3.Naming of the important cities along, the bank of important rivers in India. 4.Naming of capitals of Indian states 5.Name the inventors of important inventions. 6.Name the important dates of historical invents. 7.Naming of instruments used in measurement of electricity. 8.Abbreviations of names of the country. 9.Name the currency used in South East Asia 10.Naming of religious books of important religious communities. 11 Naming of chief ministers of state. 12.Naming the zones in Railways.

B. Mathematics:-

1.Finding the square root and cube root of the given number. 2.Finding the LCM &HCF of given group of numbers. 3.Finding the % of a given number. 4.Representing a given fraction in to a decimal form. 5.Division of fraction by another fraction. 6.Denoting the angle between clock needles at different time. 7.Fill in the blanks in a given recurring series of number 8.Caculating the area of a given rectangle, square & a circle. 9.Determinaining the average from the given numbers 10.Solution of a problem where the product of two numbers and their sum are given. 11.Caculating speed when speedometer defective with the help of distance travelled. 12.Speed, time, distance, calculation.

C. Science & Maintenance practice:-

1.Definitions of various electrical laws. 2.Naming the nits of parameters related to electricity. 3.Instruments used in measurements of electricity. 4.Boillin g points of different liquids. 5.Naming of various metals whether conductor or insulator. 6.Desciptions of machinery used for cration of vacuum and pressure. 7.Naming of machines used for various operations in machines shop. 9.Naming of magnetic and non-magnetic materials. 10.Naming of various industrial gases. 11.Velocity. 12.friction /Brake application /braking effect.

D. Answer in Brief:-

1.Safety equipments on a Diesel locomotive. 2.Maintenance schedule of rolling stock 3.Important tools used in maintenance work. 4.Pass,Leave, DAR Rules. 5.Writing of Short notes on various components of Diesel locomotives / Coaching stock /freight stock. 6. Question related to air brake and vacuum brake. 7.Precaution to be taken during different seasons for safe running of trains. 8.Overhauling procedure for the equipments used in depots, sheds workshops. 9.Functions of the equipment used in braking system. 10.Lubricants used on locomotives/coaching/freight stock. 11 Types of heat engines. 12.Precaution to be taken to prevent fire.