



दक्षिण रेलवे Southern Railway  
प्रधान मुख्य कार्मिक अधिकारी कार्यालय  
Office of the Principal Chief Personnel Officer  
प्रधान कार्यालय, कार्मिक विभाग, चेन्नै-600003  
Headquarters, Personnel Department, Chennai-600003

सं/No.SR-HQ0HR(MEDL)/102/2021(C.No 177979)

दिनांक/Dated:14.02.2025

All PHODs/ DRMs/ CMS/ Dy.CPOs/ Sr.DPOs/Secy to GM,  
Chairman/RRB/MAS,TVC, Addl.Registrar/RCT/MAS, ,  
Principal MDZTI/TPJ, DPOs/SPOs/WPOs/APOs of HQ/Divisions /Workshops/Units.

विषय/Sub:Syllabus for the post of Health & Malaria Inspector in Level- 6  
of VII<sup>th</sup> CPC against 25% (General Selection) quota- Medical  
Department- reg.

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The Syllabus for the post of Health & Malaria Inspector in  
PML-6 against 25% (General Selection) is uploaded herewith for  
information, guidance and necessary action.

This has the approval of competent authority.

संलग्नक/Encl.01 page

Digitally Signed by M Syed  
Sirajuddin

Date: 14-02-2025 18:50:47

Reason: Approved

(M.Syed Sirajuddin)

सहायक कर्मचारी संबंधी अधिकारी/Asst. Personnel Officer /SMO.

कृते प्रमुकाधि/for Principal Chief Personnel

Officer

प्रतिलिपि/Copy to: The General Secretary/SRMU  
The General Secretary/DREU  
The General Secretary/AISCTREA  
The General Secretary/AIOBCREA  
The General Secretary/NFIR  
IT Section/PB/HQ - to upload in the SR website.

**SYLLABUS FOR THE POST OF HEALTH & MALARIA INSPECTOR - LEVEL 6 IN PAY  
MATRIX VII PC/GP RS.4200/- AGAINST 25% PQ**

| <b>A. Technical</b>       |   | <b>Description of Topics</b>   |
|---------------------------|---|--|
| 1                         | Water   | Sources, Water Pollution, Ultra Violet Irradiation Organization, Reverse Osmosis, Chlorination, Breakpoint Chlorination, Residual Chlorine, Chlorinator, Chlorine demand, Disinfection of well, Distributing system, Sampling of Water for Chemical and Bacteriological analysis, standards of Water Quality, Monitoring of quality of water, Water borne disease and their prevention and control, Swimming pool Sanitation, Role of Health Inspectors in Safe Water Supply |
| 2                         | Waste Management & Sewage Disposal              | Collection & Disposal of Refuse, Hospital Waste Management, Disposal of excreta through Sewage System, Septic Tank, Aqua Privy, Water Carriage System, House Drains, Inspection Chambers, Sewers, Manholes, Precaution for Entering Manhole, Sewage Disposal, Sewage Treatment Plant (STP), Maintenance of Public Toilets, Prohibition of Manual Scavenging.   |
| 3                         | Environmental Sanitation                        | Maintenance of Cleanliness, Mechanization of Cleanliness and Sanitation  |
| 4                         | Food & Nutrition and Adulteration of Food       | Deficiency Diseases, Balanced Diet, Measures for Control of food Borne Diseases, Monitoring of Quality of Food, FSSAI, Powers of Food Safety Officer, Method of Sampling & Follow up Hygiene of eating places, Education of Food Handlers, Licensing of Catering Establishments (Food Business Operators)  |
| 5                         | Health Statistics                               | Census, Health Surveys, Health and Fertility indices, Collection and Analysis of Data, Pictorial & Graphic representation of Data, Record Keeping, Reporting.  |
| 6                         | National Health Programmes                      | National Health Programmes i.e. Malaria, Tuberculosis, AIDS, Diarrheal Diseases etc.,  |
| 7                         | Pest Control                                    | Identification of Mosquitoes breeding sites, Anti-Mosquito measures including Bio-Environmental Engineering Methods, Anti-fly Measures, Control of Rodent and Stray Dog Menace.  |
| 8                         | Epidemiology                                    | Control of Epidemics, Notification - Notifiable diseases, Quarantine, Disinfection.  |
| 9                         | Communicable & Non-Communicable Diseases        | Prevention and Control of common Communicable and Non-Communicable Diseases.   |
| 10                        | Industrial Hygiene                              | Industrial Hygiene, Industrial Hazards, Protection against Accidents, Protection against Occupational Diseases.  |
| 11                        | First Aid                                       | First Aid to the Injured.  |
| 12                        | Reproductive & Child Health                     | Family Welfare Programme, Contraceptive methods, Immunization Schedule, Vaccines and its use in various Diseases, Pulse Polio Immunization, Cold Chain, Mission Indradhanush etc.  |
| 13                        | Health Education                                | Principles Methods, Motivation, Counseling & Communication   |
| 14                        | Public Health Arrangements in Fairs & Festivals | Public Health Arrangements in Fairs & Festivals and Maintenance of Cleanliness during Major Festivals.   |
| 15                        | School Health Service                           | Activities on School Health Service.   |
| 16                        | Disease Surveillance                            | Disease Surveillance on Emerging Disease.  |
| 17                        | General   | Organization of Special Camps like Multiple Disease Health Drives, Seeking Community Participation, Field Action Groups, Health Promotion Councils, Coordination with other Departments as well as other Government and Non-Governmental Agencies.   |
| 18                        | Inspection and Record Maintenance               | Inspection and Maintenance of Office Records.  |
| 19                        | Contracts & Tenders                             | Contracts & Tenders and its Procedures followed in the Railways.   |
| 20                        | Maintenance of Stores                           | Procure of Stores, Inventory Control, Maintenance of Stores, Maintenance of Equipment Under AMC.   |
| <b>B Non-Professional</b> |   |  |
| 1                         | Establishment and Finance Rules.                | Establishment and Finance rules related to Sub-Ordinate Staff.   |
| 2                         | Official Language Policy                        | Official Language Policy and Rules.  |