

Indicative Syllabus for written test and selection criteria for recruitment to the post of **Medical Officer, Pay level 10
(Advt. No NITM.1/(2C-Estt)/MP/R-N/2022/R-903, dated 11th March 2025)**

Paper I	Paper II
<p>Verbal Aptitude Basic English grammar: Tenses, articles, adjectives, prepositions, conjunctions, verb-noun agreement, and other parts of speech Basic vocabulary: words, idioms, and phrases in context Reading and comprehension Narrative sequencing</p> <p>Quantitative Aptitude: Data interpretation: data graphs (bar graphs, pie charts, and other graphs representing data), 2- and 3-dimensional plots, maps, and tables Numerical computation and estimation: ratios, percentages, powers, exponents and logarithms, permutations and combinations, and series Mensuration and geometry Elementary statistics and probability</p> <p>Analytical Aptitude: Logic: deduction and induction; Analogy Numerical relations and reasoning</p> <p>Spatial Aptitude: Transformation of shapes: translation, rotation, scaling, mirroring, assembling, and grouping Paper folding, cutting, and patterns in 2 and 3 dimensions</p>	<ol style="list-style-type: none"> General Medicine: Cardiology, Respiratory diseases, Gastro-intestinal, Genito-Urinary, Neurology, Hematology, Endocrinology, Metabolic disorders, Infections/Communicable Diseases, Virus, Rickets, Bacterial, Spirochetal, Protozoan, Metazoan, Fungus, Nutrition/Growth Diseases of the skin (Dermatology), Musculoskeletal System, Psychiatry, General, Emergency Medicine, Common Poisoning, Snake bite, Tropical Medicine, Critical Care Medicine, Emphasis on medical procedures, Patho physiological basis of diseases, Vaccines preventable diseases and Non vaccines preventable diseases, Vitamin deficiency diseases, In psychiatry include – Depression, psychosis, anxiety, bipolar diseases and Schizophrenia. Pediatrics: Common childhood emergencies, Basic new born care, Normal developmental milestones, Accidents and poisonings in children, Birth defects and counseling including autism, Immunization in children, Recognizing children with special needs and management, and National programmes related to child health. Preventive social and community medicine: Social and Community Medicine, Concept of Health, Disease and Preventive Medicine, Health Administration and Planning, General Epidemiology, Demography and Health Statistics, Communicable Diseases, Environmental Health, Nutrition and Health, Non-communicable diseases, Occupational Health, Genetics and Health, International Health, Medical Sociology and Health Education, Maternal and Child Health, National Programmes, Management of common health problems, Ability to monitor national health programmes, Knowledge of maternal and child wellness, Ability to recognize, investigate, report, plan and manage community health problems including malnutrition and emergencies.

Post Name: Medical Officer – Scheme of Examination, Selection criteria and Instructions		
Scheme of Examination	Selection Criteria	Instructions
<p>Paper –I: Questions: 50 Marks: 50 Duration: 1 hour</p> <p>Paper II : Marks: 100 Duration: 02 hours</p>	<p>a) Candidates fulfilling the minimum eligibility criteria will be considered provisionally eligible to appear for Paper-I and Paper II written examinations.</p> <p>b) Paper I is qualifying in nature for evaluation of Paper II.</p> <p>c) Minimum qualifying marks for paper-I is 25 marks and for Paper II is 50 marks.</p> <p>d) Candidates, who qualify in Paper-II will be shortlisted for personal interview.</p> <p>e) Final merit list is prepared based on the performance of the Interview.</p> <p>f) Success in the examination confers no right of appointment unless the Institute is satisfied after conducting enquiry that the candidate is suitable in all respects of appointment to the service/post</p>	<ul style="list-style-type: none"> • Paper I consists of 50 multiple choice questions. • Paper II consist of two parts, part A and Part B. Part A is having 50 multiple choice questions for 50 marks and Part-B is of descriptive type for 50 marks. • One (1) mark will be awarded for each correct answer and minus one fourth (-1/4) mark awarded for the each incorrect answer for multiple choice questions in both papers. • The unanswered questions will not attract negative marks. • Compensatory time for persons with Benchmark Disabilities (Divyangjan) will be provided as per the extant orders of Government of India.