

## Syllabus of written examinations for Technical Cadre Posts

Sl. No	Name of the Post	Syllabus	Questions	Marks	Remarks
1	Technical Assistant (Electrical Engineering) (Life Sciences) (MLT) (Veterinary Science) (Pharmacology)	<b>MCQ Type Questions consisting of :-</b>			The total duration will be 02 hours  There will be a negative marking. For every wrong answer, 0.25 marks will be deducted.
		Section A General Intelligence and Reasoning.	15	15	
		Section B General Awareness including current affairs	15	15	
		Section C Quantitative Aptitude	15	15	
		Section D English Language	15	15	
		Section E Trade/Subject related	40	40	
		<b>TOTAL</b>	<b>100</b>	<b>100</b>	
2	Technician-1 (Life Sciences) (Computer Science)	<b>MCQ Type Questions consisting of :-</b>			
		Section A General Intelligence and Reasoning.	15	15	
		Section B General Awareness including current affairs	15	15	

		Section C Quantitative Aptitude	15	15	<p>The total duration will be 02 hours</p> <p>There will be a negative marking. For every wrong answer, 0.25 marks will be deducted</p>
		Section D English Language	15	15	
		Section E Trade/Subject related	40	40	
		<b>TOTAL</b>	<b>100</b>	<b>100</b>	
<b>3</b>	Laboratory Attendant -1	<b>MCQ Type Questions consisting of :-</b>			
		Section A General Intelligence and Reasoning.	15	15	
		Section B General Awareness including current affairs	15	15	
		Section C Quantitative Aptitude	15	15	
		Section D English Language	15	15	
		Section E Trade/Subject related	40	40	
		<b>TOTAL</b>	<b>100</b>	<b>100</b>	

## ICMR NIMR Exam Syllabus

- **General Intelligence & Reasoning:** It would include questions of both verbal and non-verbal type. This component may include questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgment, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning etc. The topics are, Semantic Analogy, Symbolic/ Number Analogy, Figural Analogy, Semantic Classification, Symbolic/ Number Classification, Figural Classification, Semantic Series, Number Series, Figural Series, Problem Solving, Word Building, Coding & de-coding, Numerical Operations, symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing inferences, Punched hole/ pattern – folding & un-folding, Figural Pattern folding and completion, Indexing, Address matching, Date & city matching, Classification of centre codes/ roll numbers, Small & Capital letters/ numbers coding, decoding and classification, Embedded Figures, Critical thinking, Emotional Intelligence, Social Intelligence, Other sub-topics, if any.
- **Quantitative Aptitude:** The questions will be designed to test the ability of appropriate use of numbers and number sense of the candidate. The scope of the test will be computation of whole numbers, decimals, fractions and relationships between numbers, Percentage, Ratio & Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership Business, Mixture and Allegations, Time and distance, Time & Work, Basic algebraic identities of School Algebra & Elementary surds, Graphs of Linear Equations, Triangle and its various kinds of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square base, Trigonometric ratio, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency polygon, Bar diagram & Pie chart.
- **Trade/ Subject Related:** Candidates are requested to check the official site to know the topics of the trade/ subject related topics. <https://www.freshersnow.com/syllabus/>
- **General Awareness:** Questions will be designed to test the general awareness of the environment and its application to the society. Questions will also be designed to test knowledge of current events and of such matters of every day observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighbouring countries especially

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pertaining to History, Culture, Geography, Economic Scene, General Polity & Scientific Research.

- **English Language:** Candidates' ability to understand correct English, his basic comprehension and writing ability, etc. would be tested.