

The applications received shall be shortlisted by a committee of experts to shortlist the candidates based on the qualifications and experience advertised. Such candidates will be invited for attending a Trade Test of qualifying nature only followed by qualifying/skill/physical standards test for qualifying the people for interview duly shortlisting the candidates, if the number of people to be interviewed is proportionately large, as detailed below under the selection process:

## 2. Shortlisting at Level-2:

At this level the Institute may conduct screening test/Trade test/computer skill tests of qualifying nature only for all candidates shortlisted in Level-1 screening to further shortlist the candidates and bring them on a common platform. However, no weightage shall be passed on to the next level, that is Level-3. The screening test of any nature would be of qualifying type only and is independent in itself. To ensure availability of required number of candidates from reserved category (SC/ST/OBC/PwD, etc.) a relaxed criterion with lower cut-off marks (SC/ST: 10%, OBC/PwD: 5%) may be applied.

The qualifying test will be used only for the purpose of optimising the number of candidates attending the interview and the same would be of qualifying nature to shortlist at least three people for each position available. If candidates of sufficient number are not available for attending the interview after shortlisting at level-2 (Minimum 1:3 for interview), the Selection Committee may decide to invite all the people present in the qualifying test for personal discussion-cum-interview, in order to encourage more participation in the final level of selection process.

The list of shortlisted candidates and rejected candidates shall be placed on the website for the attention of the applicants and resolving any queries for a period of 7 days. No further correspondence shall be entertained after expiry of 7 days from the date of display on the website.

### [I] Trade Test of composite and qualifying nature for drawing a shortlist of candidates for interview:

S. No	Name of the Test	Suggestive description of contents of Test	Up to a Maximum Marks of	Maximum duration
<b><u>PART-I (Compulsory) Common for Group-B and C</u></b>				
1	<b>General Intelligence</b>	Objective/Descriptive/Demonstrative test to know the general intelligence of the candidate in:		
		1. English and/or Hindi 2. Quantitative Ability 3. General Studies/Current Affairs/G.K. 4. Logical/Verbal Reasoning/Qualitative Aptitude 5. IT/Computer Software and Hardware 6. Any other relevant area	40	1 Hr. to 3 Hrs. duration per session
S. No.	Name of the Test	Suggestive description of contents of Test	Up to a Maximum Marks of	Maximum duration

<b><u>PART-II (Compulsory) post specific, based on Trade Cadre of the post (qualifying nature only)</u></b>				
2.	<b>Domain Knowledge</b>	Theoretical Objective/Descriptive/Demonstrative type of Screening Test to assess the theoretical domain knowledge of the candidate in the relevant area specific to the job. <b>For Example:</b> 1) Govt. of India Rules for ministerial/administrative jobs. 2) Instrumentation/Lab. Systems for scientific jobs/Technical jobs. 3) Civil/Electrical/other areas of Engineering for engineering positions.	60	1 Hr. to 3 Hrs. duration per session
			<b>100</b>	
<b><u>PART-III (Optional)</u></b>				
3.	<b>Practical/ Experimental Test</b>	1. Practical/Experimental/Analytical/ Model/Prototype Development	50	1 Hr. to 3 Hrs. duration per session
			<b>150</b>	

**[II] Computer/Skill Test of qualifying nature without any weightage for assessment:**

<b>S. No.</b>	<b>Name of the Test</b>	<b>Suggestive description of contents of Test</b>	<b>Minimum qualifying Marks</b>	<b>Maximum duration</b>
1	<b>Computer Skill Test</b>	Objective/Descriptive/Demonstrative type: 1) General computer processing ability in MS-Office like Word processing, Excel, Power points PPTs, etc. Operating Systems. 2) Professional software/hardware systems relevant to the post such as CAD/CAM/LabVIEW/MATLAB/Tally, etc. 3) Any other relevant area specific to the post. * The test may be repeated within 30 days for those clearing the Trade Test, before offering the appointment.	<b>60%</b>	<b>1 Hr. to 3 Hrs. duration per session</b>
2.	<b>Group Discussion/PPTs [Optional]</b>	1. Analysis of given problem through Group discussion/PPTs case analysis. The test will be from one or more or from all the above areas, wherever applicable.	<b>60%</b>	
3.	<b>Physical Standard Test</b>	Test for Physical Standards as per the requirements of the post, wherever applicable.	<b>100%</b>	

## 8) Travelling Allowance for joining the post:

No joining time pay or travelling allowance will be allowed on joining the post or on leaving the service of IISER Berhampur. However, the Institute may admit the claim for reimbursement of TA for self and family and the cost of transportation of the personal effects as per Govt. of India Rules, in case of Joining the Institute on Deputation/Technical resignation/Permanent absorption, etc. from central/State Govt. or autonomous organisations/Govt. organisations, in eligible cases only.

## 9) Other terms and conditions:

### 1. Indicative Syllabus:

- a) **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 visualisation, spatial orientation, problem solving, analysis, judgement, 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 & decoding, Numerical Operations, Symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing inferences, Punched hole/pattern-folding & unfolding, 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 thing, Emotional Intelligence, Social Intelligence, Other sub-topics, if any.
  - b) **General Awareness:** Questions in this component will be aimed at testing the candidates' general awareness of the environment around him/her and its application to 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 neighboring countries, especially pertaining History, Culture, Geography, Economic Scene, General Policy & Scientific Research.
  - c) **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 ratios, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency, polygon, Bar diagram & Pie chart.
2. **Document Verification:** All candidates are required to come for document verification before the interview. Those failing to do so will not be considered for final selection. Candidates are also required to submit all documents in original for verification at the time of document verification, before the interview.
  3. No interim enquiries/correspondence/communication of any sort from the applicants will be entertained on the matter of recruitment.