

राष्ट्रीय समुद्र प्रौद्योगिकी संस्थान, चेन्नई  
NATIONAL INSTITUTE OF OCEAN TECHNOLOGY, CHENNAI

**Advt. No. NIOT/E&P/10/2023(Regular)**

**A. SCHEME OF EXAMINATION FOR THE RECRUITMENT OF SCIENTIFIC ASSISTANT GR.A (MECHANICAL)- POST CODE:SA-M-05-2023**

Date and time of Exam	Part	Syllabus for written test / skill test	Number of Questions/ Marks	Total Duration*
<b>02.06.2025 (Monday)</b> 11.00 am – 12.30 pm	<b>Paper- I</b> (Objective Type on OMR Sheet)	a) Questions at Diploma level in core areas of Mechanical Engineering	60/60 marks	<b>90 minutes (All questions carry equal marks – 1 mark for each question)</b>
		b) Basic knowledge of computer	05/05 marks	
	<b>Written Test</b>	c) Arithmetic, & logical reasoning.	10/10 marks (Total: 75/ 75 marks)	
<b>02.06.2025 (Monday)</b> 2.30 pm – 4.00 pm	<b>Paper- II</b> (Practical Type)	Hands-on experiments, Identification of tools, tackles, Mechanical drafting and interpretation of drawings.	75 marks	<b>90 minutes</b>
	<b>Skill Test</b>			

**B. SCHEME OF EXAMINATION FOR THE RECRUITMENT OF SCIENTIFIC ASSISTANT GR.B / TECHNICAL OFFICER (MECHANICAL)- POST CODE:SA-ME-09-2023**

Date and time of Exam	Part	Syllabus for written test / skill test	Number of Questions/ Marks	Total Duration*
<b>03.06.2025 (Tuesday)</b> 11.00 am – 12.30 pm	<b>Paper- I</b> (Objective Type on OMR Sheet)	a) Questions at Diploma level in core areas of Mechanical Engineering	60/60 marks	<b>90 minutes (All questions carry equal marks – 1 mark for each question)</b>
		b) Basic knowledge of computer	05/05 marks	
	<b>Written Test</b>	c) Arithmetic, & logical reasoning.	10/10 marks (Total: 75/75 marks)	
<b>03.06.2025 (Tuesday)</b> 2.30 pm – 4.00 pm	<b>Paper- II</b> (Practical Type)	Hands-on experiments, Identification of tools, tackles, Mechanical 3D Modelling and interpretation of drawings.	75 marks	<b>90 minutes</b>
	<b>Skill Test</b>			

(\*Additional 20 minutes for VH/OH afflicted by cerebral palsy and locomotor disability wherein the dominant writing extremely is affected to the extent of slowing down the performance of the candidate)

**Paper-I:** There will be negative marking **(-0.25 marks)** for wrong answers/multiple answers. The questions are designed to test the candidates understanding of the subjects mentioned above. No electronic devices, calculators, electronic watches, mobile phones shall be allowed during tests.

**Paper-II:**

Practical test at Laboratory. (It is of qualifying nature)

In order to bring down the number of candidates to a manageable & reasonable level for the skill test (Paper-II), NIOT reserves right to restrict the number of candidates **either** by

- (a) fixing the qualifying cut-off marks in the written test; **or**,
- (b) in the order of merit based on the marks secured by the candidates in the written test.

which will be subject to number of candidates appearing for recruitment.

The final selection of the candidate in the order of merit will be based on the marks obtained in Paper I among those candidates who secured the qualifying marks fixed by the committee in Paper II.

In case of a tie in the marks secured in Paper I, the order of precedence that will be followed to break the tie is:-

1. Marks obtained in Paper-II (Skill Test)
2. Marks obtained in Diploma
3. Elder person by Date of Birth.

**वरिष्ठ प्रशासनिक अधिकारी / Senior Administrative Officer**  
**25.04.2025**