

Information regarding the written exam for PhD admissions

1. The written exam will be of 120 minutes duration and 50 marks. It will be conducted online through the platform `Codetrantra`.

2. The syllabus for the exam will cover the subject areas of

Classical and Quantum physics, Electromagnetism, Mathematical physics, Optics,, Statistical and Solid state physics, Atomic and Molecular physics, Electronics, Experimental physics

to the extent covered in any standard Masters program at any Indian university.

3. The question paper will consist of 4 parts:

Part 1 [08 marks] 4 questions, fill in the blanks, 2 marks each

Part 2 [04 marks] 4 questions, multiple choice with one correct answer, 1 mark each

Part 3 [08 marks] 4 questions, multiple choice with multiple correct answer, 2 marks each

Part 4 [30 marks] 3 passages , five questions based on each passage, 2 marks each

4. The emphasis of the exam will be on checking analytical skills and conceptual understanding of the candidates in the broad subject area of physics. As is evident from the format of the question paper given above, 60% weightage has been given to checking the comprehension skill of the candidates.

All the best!