

## **Evaluation criteria for the admission exam to the PhD programme in Physics (40th cycle)**

### **Written Test (max 60 points)**

The purpose of the written test is to assess the applicant's knowledge and skills in the basic topics of Physics and their aptitude for scientific research. The written test is evaluated with a maximum of 50 points. Candidates who score at least 24/50 in the written evaluation are admitted to further evaluation.

In the written test, every candidate is supposed to solve two exercises. The first one must be chosen between Mechanics and Electromagnetism. The second one must be chosen between Quantum Mechanics and Statistical Mechanics. Knowledge of the topics and ability to work out the solution will be evaluated.

A syllabus with the topics covered in the written test is available on the PhD in Physics website ([https://phd.uniroma1.it/web/PHYSICS\\_nD3503\\_EN.aspx](https://phd.uniroma1.it/web/PHYSICS_nD3503_EN.aspx)).

**Candidates who have obtained at least 24 points in the evaluation of the written test are eligible for the next test.**