

Course convenor: Dr. Mohammad Abdur Rashid
Course title: Condensed Matter Physics
Course code: PHY 5111
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Quiz # 2 | Time: 15 min | Date: 21/08/2021

For MS first semester (2019-2020) students who are attending Condensed Matter Physics (PHY 5111) course.

* Required

Email *

Your email

Your full name: *

Your answer

What is the Born-Oppenheimer approximation?

4 points

Your answer

What are the limitations of the Hartree equation?

4 points

Your answer



How the limitations of Hartree equation are overcome in the Hartree-Fock equation? 4 points

Your answer

What is the origin of the external potential felt by electrons in a solid? 4 points

Your answer

What are the limitations of the Hartree-Fock description of a quantum many-body system? 4 points

Your answer

A copy of your responses will be emailed to the address you provided.

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