

# Jashore University of Science and Technology

Bachelor of Science with Honours in Physics

Second semester of Third year

Course code: PHY 3209

Course title: Statistical Mechanics

Quiz no. : 01

Date: September 11, 2022

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1. Define boson and fermion. Give examples. [6]
2. Write a short note on Bose–Einstein condensate. [6]
3. Define Fermi energy. Write down the characteristics of Fermi Function. [3+5]