- 1) All answers to the conceptual (C) marked questions should explicitly mention the arguments/small calculations etc. which has led you to the answer.
- 2) (T) marked problems may require some computational effort. Please make sure you are comfortable with one or more of the following programming languages like Fortran/C/Python/Mathematica/Matlab etc. All the programs/codes/plots should be submitted as part of the assignment either in print or be mailed as a tarfile to the course email id, with the subject title stating 'Codes : SET No. X, <Name>'. (The latter route is preferred.)
- 3) Students are encouraged not to yield to looking up for solutions at different places. Solutions showing original thought and logical arguments, are welcome and will be accordingly graded. However, if you have referred to any literature (book chapter, research paper etc.), for any problem in particular, the reference should be explicitly mentioned after you have written the answer. Please use the standard convention of referring to some literature.
- 4) Please mention on each assignment your Name/SR No.(for IISc students) or Institute Name(for other institute students)/and the SET No. Each problem and its subparts should be answered clearly and enumerated accordingly. Please start a new problem (which is considerably large) from a new page.
- 5) Discussion among classmates regarding the ideas in the course and assignments are encouraged. Piazza has a dedicated forum made for the same and can be effectively used. Separate meetings can be arranged in the lecture halls, if students crediting the course may like to further discuss among themselves.
- 6) Please do not indulge in copying the assignment. A deterrent penalty will be imposed, on such a practice.
- 7) Typically some tutorial sessions might be conducted and coordinated regarding the assignments. The different interesting solutions given by students may be discussed here.
- 8) Please respect the submission deadline. A collection box for the assignments will be placed in my office(Room. C2-08, New Physical Sciences Building). The assignments should be submitted only in this box.

All the best.

Adhip Agarwala Centre for Condensed Matter Theory, Department of Physics IISc.