

Instructions(Subjective Round)

Team Decoherence

September 2020

1. Duration of exam is 10 hours.
2. Submissions any later than 10:00 PM on 6th September 2020 won't be accepted. Mail it to decoherence.pravega@gmail.com
3. Only typed solutions will be accepted(word or LaTeX). Submit your solutions in .docx or .pdf format ONLY. In case there is a need of attaching diagrams, attach a clear picture of it in your solutions file. In case there are very long equations, that cannot be typed out, you may write them down on paper and attach a clear picture of it in your solutions file. But we recommend you to prefer typed solutions as much as possible.
4. The participants are expected not to share or discuss answers among themselves. For the subjective part, if two reports are too similar in content and structure, then they can be charged with plagiarism and penalty may be imposed. In the worst case, their participation may be cancelled.
5. For data analysis question - Plotting in any way is accepted (using some software, with some code or by hand on a graph paper) if code is used, only the plots and code is required, if a graph paper is used, clear picture or scan of the plot should be attached,if a plotting software is used, the plot should be attached. Clearly mention and explain the method used for plotting.
6. For theoretical questions - Just writing the final answers won't fetch you full marks. Detailed explanation, workings are necessary to get full marks.
7. The candidate MUST cite the source you used. For a book, mention title, name of the author, edition is required. If you referred to any specific section, mention that section appropriately. For a paper or article, author, title, year of publication is required. It is better to mention DOI also.