

Technology in Society
PhD Entrance Examination
19 May 2025 | 100 marks

Please answer any **TWO** questions from below. Each answer should be written in no more than 2 pages (four sides). Marks will be deducted for answers which exceed the word limit.

1. Why is a social study of technology important to understanding technology? And why is it important to understanding society? Elaborate through any scholar you have engaged with.
2. How do you distinguish between Technic and Magic? Do you think such a distinction has any significance for studying contemporary technology? Discuss.
3. What are the various types of machine learning techniques? Discuss the ethical dimensions of each of these techniques with reference to real world examples. In your answer you should refer to existing literature on the debates surrounding the ethical dimensions of machine learning systems.
4. Can you propose a theoretical perspective for studying innovations in surveillance and security technology? (Assume that 'deceiving the other' is a motivation for research in this field).
5. Discuss any two theoretical perspectives that you find useful in studying the role and limitations of technology in transforming agrarian societies.