

Technology in Society
PhD Entrance Examination
16 May 2023 | 100 marks

Please answer any two questions from below. Each answer should be written in no more than six pages (three sheets).

1. Write a note on the psychological foundations that impact people's acceptance of technology. How would you design a study to measure the acceptance of artificial intelligence in any sector / vertical in India?
2. How has the use of spatial mapping technology transformed the field of historical studies, and what are some of the potential benefits and challenges associated with its implementation in the analysis and interpretation of historical data? Discuss with reference to at least two case studies.
3. What is information? Should our account of information include anything in addition to data? How can we distinguish information from mis/fake-information?
4. Discuss the relationship between technology and inequality using at least two different examples.
5. Donald Knuth, a Turing award winner said 'computer programing is an art'. Do you agree? Why?
6. "Technology is the application of science to optimize the means to meet human ends." Are you familiar with any approaches in Science and Technology Studies that are critical of this view? Discuss.
7. After an incident of sexual harassment on campus, a University decides to place miniature CCTV cameras all across campus, make sure that the campus is illuminated 24x7, and insist that visitors to campus provide their aadhar numbers to the security staff. How would you evaluate such a policy using any theories or perspectives that you find relevant?