

PhD Entrance Examination  
Department of Humanities and Social Sciences  
Indian Institute of Technology Delhi

**Technology in Society**

15 May 2024 | Total marks: 100 | Time: 2 hours

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**PART A** (Compulsory)

[30 marks]

Your answer should be written in no more than 4 sides (2 pages).

From the perspective of your disciplinary training, discuss how technology has been studied. Discuss the strengths and weaknesses of these different approaches.

**PART B** (Answer any two questions from below)

[2 x 35 = 70 marks]

Each answer should be written in no more than 6 sides (3 pages).

1. What are the possibilities of the use of generative AI to produce artistic outputs? Discuss the tensions between novelty and aesthetic consistency.
2. There is a growing use of technology in agrarian and rural India including digital apps, sensors, drones at the farm level, as well as large-scale efforts to amalgamate farming data through the Agri-stack. Discuss the implications of these efforts for society using any theories of science, technology, nature and / or development that you are familiar with.
3. Discuss, with examples, the notion of a “paradigm” and “paradigm shift” as presented in the work of Thomas Kuhn.
4. “Follow the science!” became a slogan in many parts of the world during the Covid pandemic. Critically analyse the slogan and its implications for society from the perspective of any theories on science and society that you are familiar with.