

Q1. India has a respected space programme but a tiny share of the global space economy. Comment on whether opening the sector to private companies can close that gap. **(10 marks)**

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Q2. For the industries hardest to decarbonise, green hydrogen is a more promising route than efficiency and direct electrification. Do you agree? **(10 marks)**

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Q3. Regulate Artificial Intelligence now and risk strangling a young industry; wait, and risk its harms hardening before the law arrives. Which error should India rather make? **(15 marks)**

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Q4. A clinic offers to edit an embryo to spare a child a fatal disease, though the same tool could one day select for traits like height. Discuss where India should draw the line on editing the human genome. **(15 marks)**

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