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Q12

Discuss India's achievements in the field of Space Science and Technology. How the application of this technology has helped India in its socio-economic development?

UPSC Civil Services Mains 2016 · GS III · 12 marks · Indian Economy

Indian Economy and issues relating to planning, mobilization of resources, growth, development and employment.

Facts & figures for this PYQ only.

Numbers move. Confirm the latest Budget, Economic Survey or census round. This sheet is for revision, not a substitute for the model answer.

<https://wrapexams.com/upsc/mains-answers/gs-3/2016/discuss-indias-achievements-in-the-field-of-space-science-and-technology-how-the-application-of-this-technology-has-helped-india-in-its-socio-economic-development/>

Aryabhata 1975

India's first satellite, launched with Soviet help, marking the start of the Indian space programme in orbit.

PSLV

Polar Satellite Launch Vehicle: ISRO's reliable workhorse for remote-sensing and many commercial foreign satellites.

Chandrayaan-1 2008

Lunar orbiter whose payloads contributed to detecting water-molecule signatures on the Moon.

Mars Orbiter Mission 2014

India's first interplanetary spacecraft; entered Mars orbit on the first attempt at comparatively low cost.

IRNSS / NavIC 2016

Seven-satellite regional navigation constellation completed in 2016 for Indian-region positioning.

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