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Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

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Q7

India has achieved remarkable successes in unmanned space missions including the Chandrayaan and Mars Orbiter Mission, but has not ventured into manned space mission, both in terms of technology and logistics? Explain critically.

UPSC Civil Services Mains 2017 · GS III · 10 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.

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Chandrayaan-1

ISRO lunar orbiter, 2008: mineral mapping and contribution to evidence of water/hydroxyl on the Moon.

Mars Orbiter Mission

Mangalyaan, launched November 2013, Mars orbit September 2014: India's first interplanetary success, noted for low cost and first-attempt orbit.

CARE 2014

Crew Module Atmospheric Re-entry Experiment on LVM3/GSLV Mk III experimental flight: early test of a crew-capsule shape, not a manned mission.

PSLV / GSLV Mk III

Workhorse polar launcher versus the heavier cryogenic vehicle needed to lift a future crew module; human-rating is an extra standard.

NavIC / IRS / INSAT

Operational unmanned programmes in navigation, earth observation and communications that compete for the same ISRO budget as a human flight.

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