



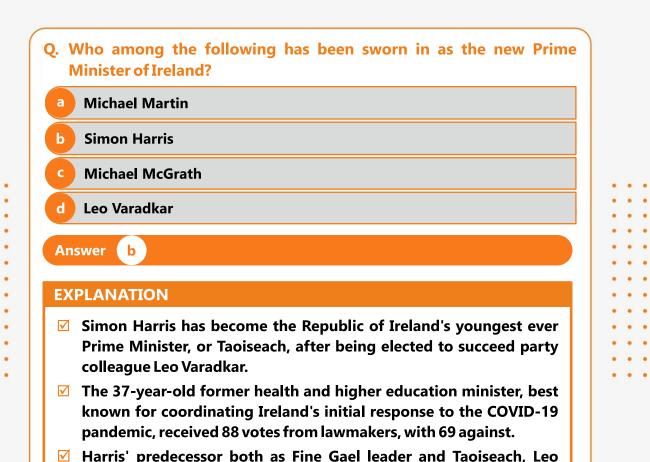
| . Consider the following stateme | ents with respect to Higgs Boson: |
|---|--|
| 1 It is also known as "God Parti | icles". |
| 2 It was discovered by Peter Hi | iggs and it is named after him. |
| hich of the above statement(s) is | s/are correct? |
| a 1 Only | b 2 Only |
| Both 1 and 2 | d Neither 1 nor 2 |
| Answer c | |
| XPLANATION | |
| Physics for describing the Higg particle that explains where n | ntist who won the 2013 Nobel Prize in gs boson (God particle) - a theoretical nass comes from and advances man's dd is constructed - died recently at the |
| Peter Higgs discovered the exis | stence of the God particle in 1964 when |

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he was a researcher at the University. His idea was validated by experiments almost 50 years later in 2012, at the European Organization for Nuclear Research (CERN) in Switzerland. The

discovery was followed by the award of a Nobel Prize in 2013.





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Varadkar, abruptly stepped down last month citing personal and political reasons. Varadkar formally resigned at an audience with President Higgins on 8th April, paving the way for Harris' election.





| member of the 16th Finance (| Lommission, recently? |
|---|---|
| Rajeev Kumar | |
| Amitabh Kant | |
| c Manoj Panda | |
| d Rajmohan Sinha | |
| Answer c | |
| EXPLANATION : | |
| time member of the Sixteenth Fi recommendations on the reven | pintment of economist Manoj Panda as a full- inance Commission, tasked with formulating ue sharing formula between the Centre and |
| | ed the Commission on December 31, and chairman and Columbia University professor |

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☑ With the appointment of Mr. Panda, a former director at the Institute of Economic Growth, the Commission is now back to full strength and can get to

Arvind Panagariya as its chairman. Other members of the Commission are Ajay Narayan Jha, Annie George Mathew, Niranjan Rajadhyaksha and Soumya

work to meet its deadline of October 31, 2025.

Kanti Ghosh.





| Q. Which of the following team has been awarded the prestigious 2024 John L. 'Jack' Swigert Jr. Award for Space Exploration? | 4 |
|---|---|
| a Aditya L1 Mission Team | |
| b Chandrayaan-3 Mission Team | |
| Gaganyaan Mission Team | |
| d Mangalyaan Mission Team | |
| Answer b |) |
| EXPLANATION: | |
| India's Chandrayaan-3 Mission team was recently awarded the prestigious 2024 John L. 'Jack' Swigert Jr. Award for Space Exploration, acknowledging their efforts to elevate the standards of space exploration. With the successful Chandrayaan-3 Mission in August last year, | |

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new realms for comprehension and collaboration.

India became the first country to land on the south pole of the moon.

✓ The giant stride in lunar exploration of the south pole, was crafted by the Indian Space Research Organisation (ISRO), which 'broadens humanity's horizons in space exploration, opening up





| _ | The C-Dome air defence system, which was in the news recently, is leveloped by the - |
|----------|--|
| a | India |
| b | France |
| c | USA |
| d | Israel |
| An | swer d |
| EX | PLANATION: |
| V | Israel for the first time deployed its ship-mounted defence system, called the C-Dome, against a "suspicious" target that entered the country's airspace near the southern city of Eilat. The C-Dome is a naval version of the Iron Dome air defence system used to shield against rocket and missile attacks. |
| V | While the land-based Iron Dome has been frequently used to intercept rockets fired from the Hamas-controlled Gaza Strip, the C-Dome serves as a naval defence system to shield against rocket and missile attacks at sea. |