



Q. Consider the following statements with respect to Higgs Boson :

- 1** It is also known as “God Particles”.
- 2** It was discovered by Peter Higgs and it is named after him.

Which of the above statement(s) is/are correct?

- | | |
|-----------------------|--------------------------|
| a 1 Only | b 2 Only |
| c Both 1 and 2 | d Neither 1 nor 2 |

Answer **c**

EXPLANATION

- Peter Higgs, the European scientist who won the 2013 Nobel Prize in Physics for describing the Higgs boson (God particle) - a theoretical particle that explains where mass comes from and advances man’s understanding of how the world is constructed - died recently at the age of 94 after a short illness.
- Peter Higgs discovered the existence of the God particle in 1964 when 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.



Q. Who among the following has been sworn in as the new Prime Minister of Ireland?

a Michael Martin

b Simon Harris

c Michael McGrath

d Leo Varadkar

Answer **b**

EXPLANATION

- ✓ **Simon Harris has become the Republic of Ireland's youngest ever Prime Minister, or Taoiseach, after being elected to succeed party colleague Leo Varadkar.**
- ✓ **The 37-year-old former health and higher education minister, best known for coordinating Ireland's initial response to the COVID-19 pandemic, received 88 votes from lawmakers, with 69 against.**
- ✓ **Harris' predecessor both as Fine Gael leader and Taoiseach, Leo 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.**



Q. Who among the following has been appointed as the full time member of the 16th Finance Commission, recently?

a Rajeev Kumar

b Amitabh Kant

c Manoj Panda

d Rajmohan Sinha

Answer **c**

EXPLANATION :

- ✓ The Centre has notified the appointment of economist Manoj Panda as a full-time member of the Sixteenth Finance Commission, tasked with formulating recommendations on the revenue sharing formula between the Centre and States for the five-year period beginning April 2026.
- ✓ The Government had constituted the Commission on December 31, and named former Niti Aayog vice chairman and Columbia University professor Arvind Panagariya as its chairman. Other members of the Commission are Ajay Narayan Jha, Annie George Mathew, Niranjan Rajadhyaksha and Soumya Kanti Ghosh.
- ✓ 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 work to meet its deadline of October 31, 2025.



11-04-2024

DAILY MCQ'S

**70th BPSC
PRELIMS EXAM**

Q. Which of the following team has been awarded the prestigious 2024 John L. 'Jack' Swigert Jr. Award for Space Exploration?

- a Aditya L1 Mission Team**
- b Chandrayaan-3 Mission Team**
- c 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, 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 new realms for comprehension and collaboration.**



Q. The C-Dome air defence system, which was in the news recently, is developed by the -

a India

b France

c USA

d Israel

Answer d

EXPLANATION :

- 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.**
- 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.**