



Daily MCQ: 01.09.2026

- 1) Consider the following statements regarding Lake Ontario:
1. The Niagara, Oswego and Genesee rivers drain into Lake Ontario
 2. Lake Ontario is the smallest among the five Great Lakes of North America.
 3. Lake Ontario completely freezes over almost every winter due to its northern latitude.

How many of the statements given above is/are correct?

- (a) Only one
- (b) Only two
- (c) All three
- (d) None

- 2) The Large Hadron Collider (LHC) at CERN was in news for discovering a fundamental particle that explains how elementary particles acquire mass. What is the significance of this observation?
- (a) 'Dark matter' was directly created and captured in the laboratory.
 - (b) 'Higgs boson' particle was detected, confirming the mechanism that gives mass to matter.
 - (c) 'Gravitational waves' resulting from cosmic particle collisions were observed.
 - (d) 'Quark-gluon plasma' was stabilized for use in clean energy generation.

- 3) Consider the following statements regarding the Javelin Missile
1. It is a man-portable, fire-and-forget anti-tank guided missile system.
 2. It can be fired only in a direct attack mode.
 3. India has acquired Javelin missiles from the United States through the Foreign Military Sales (FMS) route.

Which of the statements given above is/are correct?

- (e) 1 only
- (f) 1 and 3 only
- (g) 2 and 3 only
- (h) 1, 2 and 3

- 4) Consider the following statements regarding the Ramon Magsaysay Award:
1. It is one of the highest honours for outstanding leadership and service.
 2. Emergent Leadership is the only fixed category since 2009, recognising individuals aged 40 or below for social change.
 3. It is open to individuals and organizations across Asia demonstrating selfless service.

Which of the statements given above are correct?

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

- 5) Consider the following statements regarding the Index of Services Production (ISP):
1. ISP is introduced as a short-term indicator of growth in the services sector.
 2. It covers 19 service sub-sectors, allowing changes in different components of the services sector to be captured.



3. CPI and WPI may be used as deflators to remove the effect of inflation and obtain real output.

Select the answer using the code given below:

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2, and 3

Explanation

1) Answer: (B)

- **Statement 1 is correct:** The primary source/feeder of Lake Ontario is the Niagara River (flowing from Lake Erie). Other major tributaries draining into the lake from the south include the Oswego and Genesee rivers.
- **Statement 2 is correct:** With a surface area of approximately 7,340 square miles (~19,000 km²), Lake Ontario has the smallest surface area among the five Great Lakes.
- **Statement 3 is incorrect:** Due to its immense depth and continuous water circulation, Lake Ontario rarely freezes over completely. It typically freezes only near the shorelines during winter.
- **Therefore, option B is the correct answer.**

2) Answer: (B)

- The **Large Hadron Collider (LHC)** at CERN helped scientists discover the Higgs boson in **2012**. The discovery provided strong evidence for the Higgs mechanism, which explains how many elementary particles acquire mass through their interaction with the Higgs field. It was an important confirmation of the Standard Model of particle physics.
- Hence, option (b) is correct.

3) Answer: (B)

- **Statement 1 is correct:** The Javelin missile is a shoulder-fired, medium-range, anti-tank guided weapon system that features a "fire-and-forget" mechanism using a passive imaging-infrared seeker.
- **Statement 2 is incorrect:** It can be fired in **both top and direct attack modes**. Its top-attack profile allows it to climb above the target and strike where the armor is weakest.
- **Statement 3 is correct:** India signed a government-to-government deal to acquire Javelin anti-tank guided missiles for the Indian Army from the United States through the U.S. Foreign Military Sales (FMS) route.
- **Therefore, option B is the correct answer.**

4) Answer: (D)

- The **Ramon Magsaysay Award** is widely recognized as **Asia's premier prize and highest honor**, celebrating **transformative leadership and greatness of spirit**. Hence **Statement 1 is correct**.



- Following a restructuring in **2009**, the traditional departmental categories were phased out, making **Emergent Leadership** the **sole fixed category specifically honoring individuals aged 40 or younger for grassroots social change work**. **Hence Statement 2 is correct.**
- The award is **open to both individuals and dynamic organizations across Asian** countries that demonstrate exceptional and selfless service to the public good. **Hence Statement 3 is correct.**
- **Therefore , option D is the correct answer.**

5) Answer: (D)

- **Statement 1 is Correct:** ISP is introduced as a **short-term indicator** to measure changes in the growth of the services sector. It is intended to provide timely information on the performance of services.
- **Statement 2 is Correct:** ISP covers **19 service sub-sectors**, allowing different components of the services sector to be represented in the index.
- **Statement 3 is Correct:** Service output is initially measured in **value terms**, which can be affected by price changes. **Deflators such as CPI and WPI** are used to remove the price effect and obtain **real/volume output**.
- **Therefore, option D is the correct answer**

