



**MCQs:**

**1. Which of the following statement/s is/are true?**

1. Killer electrons are electrons having speed close to speed of light, which form the radiation belt of planet Earth.
2. Electromagnetic Ion Cyclotron (EMIC) waves play an important role in precipitation of killer electrons.

- (a) 1 only  
(b) 2 only  
(c) Both 1 and 2  
(d) Neither 1 nor 2

Ans: c

**Explanation:**

- Electromagnetic Ion Cyclotron (EMIC) waves play an important role in precipitation of killer electrons (electrons having speed close to speed of light, which form the radiation belt of planet Earth), which are hazardous to our space-borne technology/instruments.
- Killer electrons are electrons having speed close to speed of light, which form the radiation belt of planet Earth.

**2. Blastomycosis genus in news. It is related to?**

- (a) Virus  
(b) Bacteria  
(c) Fungus  
(d) Plants

Ans: c

**Explanation:**

- At least one person died and around a 100 were confirmed or suspected to be infected by fungus from Blastomycosis genus.



### 3. Great Lakes are Situated at?

- (a) Asia
- (b) Africa
- (c) Europe
- (d) North America

Ans: d

#### Explanation:

- Great Lakes of North America are a series of interconnected freshwater lakes which connect to the Atlantic Ocean through the Saint Lawrence Seaway.

### 4. Which of the following statement/s are true?

1. The trilateral India-Brazil-South Africa forum was established in the early 2000.
2. The IBSAMAR military exercise brings together the navies of the three countries.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Ans: c

#### Explanation:

- The IBSA forum, which was established in the early 2000s as a means to strengthen cooperation among three key emerging economies, is seen to have become dormant in recent years.
- The IBSAMAR military exercise, which brings together the navies of the three countries, was held in October 2022 after a gap of over four years.



**5. According Commerce ministry data, Which of the following countries has emerged as India's biggest trading partner?**

- (a) USA
- (b) Russia
- (c) China
- (d) UK

Ans: a

**Explanation:**

- According Commerce ministry data, the U.S. has emerged as India's biggest trading partner in 2022-23.