



## Solutions: Current Affairs Quiz 110

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**Q1.**

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With reference to Tunisia, consider the following statements:

1. It is the northernmost country in Africa, which is part of the Maghreb region of North Africa.
2. This country shares borders with Algeria, Libya and the Mediterranean Sea.
3. It includes the eastern part of the Atlas Mountains and the northern part of the Sahara Desert.

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

1. 1 and 3 only
2. 2 and 3 only
3. 2 only
4. All of the above.

The correct answer is: 4

Solution:

**Answer: (d)**

**Explanation:**

- Tunisia is the northernmost country of Africa. It is part of the Maghreb region of North Africa. Its border is with Algeria, Libya and the Mediterranean Sea.
- It includes the eastern part of the Atlas Mountains and the northern end of the Sahara Desert. Tunisia is located near Cape Angela, the northernmost point of Africa. Its capital Tunis is also the largest city.
- Tunisia was a country where democracy came into existence as a solution to protest. In October 2011, Tunisia held its first democratic elections.

**Thus, all the above statements are correct. Hence option (d) is the correct answer.**

## Q2.

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With reference to poly-metallic nodules, consider the following statements:

1. It is also known as manganese nodules, which are found in abundance on the deep sea floor.
2. In addition to manganese and iron in this nodules, nickel, copper, cobalt, lead, molybdenum, cadmium, vanadium, titanium are found.

Which of the following is/are correct?

1. 1 only
2. 2 only
3. both 1 and 2
4. neither 1 nor 2.

The correct answer is: 3

Solution:

**Answer: (c)**

**Explanation:**

- According to the information given in the Rajya Sabha by the Ministry of Earth Sciences, a budget of Rs 4077 crore has been allocated for five years for the implementation of 'Deep Ocean Mission'. All the components of the mission will be launched in the year 2021.
- A manned submarine will be developed with the aim of carrying three people to a depth of six thousand meters for exploration of deep-sea mineral resources and marine biodiversity. It aims to promote exploration efforts in India's wide Exclusive Economic Zone and continental shelf, thereby developing India's ability to exploit resources in the Central Indian Ocean Basin.
- India has been awarded 75,000 sq km by the 'United Nations Oceanic Basin Authority' for the exploration of poly-metallic nodules (PMNs) in the Central Indian Ocean Basin (CIOB).
- There are huge deposits of metals like manganese, iron, cobalt and nickel in this region, by exploiting only 10% of which India's energy requirement of next 100 years can be met.
- Poly-metallic nodules are porous and potato-like in appearance, also known as manganese nodules. They are found in abundance in the deep sea floor. In addition to manganese and iron, nickel, copper, cobalt, lead, molybdenum, cadmium, vanadium, titanium, etc. are found in these nodules.

**Thus, both statements 1 and 2 are correct. Hence option (c) is the correct answer.**

### Q3.

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With reference to the Talisman Saber exercise, consider the following statements-

1. The year 2021 was the largest bilateral joint training exercise between the Australian Defense Force and the US Army.
2. Seven other countries including India participated in this exercise.

Which of the following is/are correct?

1. 1 only
2. 2 only
3. both 1 and 2

4. neither 1 nor 2.

The correct answer is: 1

Solution:

**Answer: (a)**

**Explanation:**

- According to official sources, Australia wants to include India in its biggest exercise 'Exercise Talisman Saber' to be held in the year 2023. A formal invitation is likely to be extended to India during the visit of Australian Defense Minister Peter Dutton to India in the next few months.
- Meanwhile, India, Australia, Japan and the US Quad group countries are set to conduct the annual Malabar Naval Exercise 2021 off the coast of Guam in the end of August. It is known that Australia was included in Malabar 2020.
- The Talisman Saber exercise, 2021 was the largest bilateral joint training exercise between the Australian Defense Force (ADF) and the US Army, in which approximately 17,000 land, sea and air forces military personnel from seven countries' participated. Canada, Japan, New Zealand, South Korea, UK were other countries involved in this exercise.

**Thus, statement 1 is true while statement 2 is false. Hence option (a) is the correct answer.**

**Q4.**

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With reference to the Indian Computer Emergency Response Team (CERT-In), consider the following statements:

- 1.This organization working under the Ministry of Electronics and Information Technology was established in the year 2004.
- 2.It acts as the 'Nodal Agency' for providing security and dealing with threats related to cyber security.

Which of the following is/are not correct?

1. 1 only

2. 2 only

3. both 1 and 2
4. neither 1 nor 2.

The correct answer is: 4

Solution:

**Ans (d)**

**Explanation:**

- The Indian Computer Emergency Response Team (CERT-In) has tracked 6.07 lakh cyber security incidents in the first 6 months of 2021 in which around 12,000 cases were related to government organizations.
- CERT-In, functioning under the Ministry of Electronics and Information Technology, is an organization formed with the objective of safeguarding the Indian cyber space. It was established in the year 2004.
- It acts as the 'Nodal Agency' for providing security and combating cyber security related threats like hacking, phishing etc. It was declared as a national agency under the Information Technology (Amendment) Act, 2008 and certain functions were specified for it.

**Thus, both statements 1 and 2 are correct. Hence option (d) is the correct answer.**

**Q5.**

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With reference to *Minervarya pentali*, consider the following statements:

1. It is a new species of frog belonging to the family Dicroglossidae.
2. This species is endemic to Northeast India mainly Tripura and Mizoram.
3. It named after the former Vice Chancellor of Delhi University and famous plant geneticist Prof. Deepak Pantal.

Which of the following is/are correct?

1. 1 and 3 only
2. 2 only
3. 3 only

4. All of the above.

The correct answer is: 1

Solution:

**Answer: (a)**

**Explanation:**

- Researchers from Delhi University have discovered a new species of frog named *Minervarya pentali* in the 'Western Ghats'. This species is endemic to South Western Ghats mainly Kerala and Tamil Nadu.
- The discovery was made during an extensive study on 'Minervarya species' (common name: Minervaryan frogs), a confused group of giant, common Indian frogs. The newly discovered species is one of the smallest known minervarya frogs.
- This species belongs to the Dicroglossidae family. It can be identified by several criteria such as external morphology, DNA and the calling pattern. The name of this species is given after by the former Vice Chancellor of Delhi University and renowned plant geneticist Prof. Deepak Pantale.
- Amphibian diversity is particularly noteworthy in the Western Ghats. More than half of all known Indian species (450 species) are found here. More than 90% of these are endemic to the region, meaning they are not found anywhere else in the world.

**Thus, statement 1 and 3 are correct while statement 2 is false. Hence option (a) is the correct answer.**