

**Q: Consider the following statement regarding BIMSTEC:**

1. It has a member country from South Asia and Southeast Asia.
2. It was founded with the adoption of Bangkok Declaration.
3. Pakistan is the founding member of this organisation.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- BIMSTEC was established in the year 1997.
- It has a total of seven member countries- five from South Asia, including Bangladesh, Bhutan, India, Nepal, and Sri Lanka, and two from Southeast Asia, including Myanmar and Thailand.
- It was founded as BIST-EC, in June 1997, with the adoption of the Bangkok Declaration, with Bangladesh, India, Sri Lanka and Thailand as members.
- It became BIMST-EC (Bangladesh, India, Myanmar, Sri Lanka and Thailand Economic Cooperation) with the entry of Myanmar in late 1997, and eventually, it was named in its current form, when Nepal and Bhutan became members in 2004.

**Q: Consider the following statement regarding Millet:**

1. Uttar Pradesh is one of the top five millet producing states in India.
2. UN declared 2023 as International Year of Millets.
3. India is one of the leading producers of millet in the world.

Choose the correct option from the codes given below:

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

Ans:

Explanation:

- The millets export promotion programme also comes at the backdrop of the proposal of India that was supported by 72 countries which lead to the United Nations' General Assembly (UNGA) declaring 2023 as International Year of Millets (IYoM) on March 5, 2021.
- India is one of the leading producers of millets in the world with an estimated share of around 41 percent in the global production.
- India's top five millet producing states are Rajasthan, Maharashtra, Karnataka, Gujarat and Madhya Pradesh.
- Share of export of millets is nearly 1% of the total millet production. Exports of millets from India include mainly whole grain and the export of value-added products of millets from India is negligible.

**Q: Consider the following statement regarding methylation:**

1. It regulates protein expression.
2. It defends the virus against the action of interferon.

Choose the correct option from the codes given below:

- a) 1 Only
- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- An epitranscriptome is the collection of biochemical modifications of cell RNA, such as methylation.
- Methylation has two functions in viruses. It regulates protein expression, and it defends the virus against the action of interferon, a potent antiviral substance produced by the host organism.

**Q: Kherson is a strategic location for Russia and Ukraine. Consider the following:**

1. Donetsk
2. Crimea

### 3. Black Sea

Kherson share border with

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

Ans: d

Explanation:

- Geographically, Kherson is a strategic location for Russia and Ukraine. Situated in the northwest of the Dnipro River, the province shares borders with Donetsk, Crimea and the Black Sea.
- With Moscow capturing Crimea in 2014, the occupation of Kherson in March 2022 has benefited Russia in transferring its military from Crimea to counter Ukraine.
- It provides access to Odesa and Black Sea ports in the west and serves as the main route to secure southern Ukraine.

**Q: Consider the following statement:**

1. Centre has created the Nutri Cereals Export Promotion Forum to give impetus to the export of millet.
2. Millets are rich in calcium, iron, and fibers.
3. Millets have superior nutritional values in comparison to rice and wheat.

Choose the correct option from the codes given below:

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

Ans: a

Explanation:

- Centre has created the Nutri Cereals Export Promotion Forum to give impetus to the export of potential products, including millets, and to remove the bottlenecks in the supply chain of Nutri cereals.
- Millets have superior nutritional values in comparison to highly consumed cereals such as rice and wheat.
- Millets are rich in calcium, iron, and fibers that help in fortifying essential nutrients for the healthy growth in children.