

Que-1 What are the Centre's obligations on conserving the coastline?

1- The government has issued notifications under the Environment Protection Act, 1986, to regulate activities along India's coasts particularly regarding construction.

2- The Coastal Regulation Zone Notification (CRZ) 2019, classifies the coastal area into different zones to manage infrastructure activities and regulate them.

Which of the following given above is/are correct

- a) 1 only b) 2 only
c) Both 1 and 2 d) Neither 1 nor 2
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Que-2 What is talc?

1- Talc is the softest known mineral.

2- It is mined from underground deposits.

3- Chemically, it is Calcium magnesium silicate.

Which of the following given above is/are correct

- a) 1 and 2 only b) 3 only
c) 1, 2 and 3 d) 2 and 3 only
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Que-3 Consider the following statements about Asbestos

1- Group of naturally occurring calcium minerals.

2- Asbestos has been used in construction and manufacturing, and is known to cause lung cancer, ovarian cancer, mesothelioma and other health conditions.

Which of the following given above is/are correct

- a) 1 only b) 2 only
c) Both 1 and 2 d) Neither 1 nor 2
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Que-4 What were the political developments leading up to Partition?

1- The Muslim League led by Mohammad Ali Jinnah, who was a chief advocate for the demand for Pakistan, came to be a powerful party rather late; it had not been very successful in the elections it contested earlier, like in 1937.

2- The Muslim League moved a resolution in Karachi demanding a measure of autonomy for the Muslim-majority areas only in 1942.

3- Among those who raised the demand first was the Urdu poet Mohammad Iqbal, the writer of "Saare Jahan Se Achcha Hindustan Hamara".

Which of the following given above is/are correct

- a) 2 only b) 1 and 3 only
c) 1, 2 and 3 d) 2 and 3 only
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Que-5 With reference to Pincode, consider the following statements

- 1- The PIN is made up of five digits.
- 2- The first number indicates the postal region — Northern, Eastern, Western, Southern; and number 9, which signifies the Army Postal Service.
- 3- The second number denotes a sub-region, and the third represents the sorting district.

Which of the following given above is/are correct

- a) 1 and 2 only b) 1 and 3 only
c) 1, 2 and 3 d) 2 and 3 only
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Que-6 With reference to Advanced Towed Artillery Gun System (ATAGS), consider the following statements

- 1- An indigenously developed short range gun.
- 2- Developed by the DRDO, it was used alongside the traditional British-origin '25 Pounders' artillery guns.
- 3- The ATAGS project was started in 2013 by DRDO to replace older guns in service in the Indian Army with a modern 155 mm artillery gun.

Which of the following given above is/are correct

- a) 1 and 2 only b) 3 only
c) 1, 2 and 3 d) 2 and 3 only
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Que-7 With reference to DigiYatra, consider the following statements

- 1- DigiYatra envisages that travellers pass through various checkpoints at the airport through paperless and contactless processing.
- 2- It uses facial features to establish their identity, which would be linked to the boarding pass.
- 3- The project is being implemented by the DigiYatra Foundation — a joint-venture company whose shareholders are the Airports Authority of India (26% stake) and Bengaluru Airport, Delhi Airport, Hyderabad Airport, Mumbai Airport and Cochin International Airport.

Which of the following given above is/are correct

- a) 1 and 2 only b) 3 only
c) 1, 2 and 3 d) 2 and 3 only
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Que-8 Consider the following statements about Rani Laxmibai

1- The queen of the princely state of Jhansi, Rani Laxmibai is known for her role in the First War of India's Independence in 1857.

2- Born Manikarnika Tambe in 1835, she married the king of Jhansi.

3- Lord Canning is known to have described her as "personable, clever...and one of the most dangerous Indian leaders".

Which of the following given above is/are correct

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

ANSWER

- 1- (c)
- The three institutions responsible for the implementation of the CRZ are the National Coastal Zone Management Authority (NCZMA) at the Centre, the State/Union Territory Coastal Zone Management Authorities (SCZMAs/UTCZMAs) in every coastal State and Union Territory and the District Level Committees (DLCs) in every district that has a coastal stretch and where the CRZ notification is applicable. These bodies examine if CRZ clearances granted by the government are as per procedure, if project developers once given the go-ahead are complying with conditions, and if the project development objectives under the Integrated Coastal Zone Management Programme (ICZMP) are successful. They also evaluate the measures taken up by the government towards achieving the targets under Sustainable Development Goals, a set of United Nations-prescribed targets for countries towards eradicating poverty and becoming sustainable societies.
- 2- (a)
- Chemically, it is hydrous magnesium silicate.

- It is used in a variety of cosmetic and personal care products, like baby powder, lipstick, eyeshadow and foundation. When reduced to a fine powder, it is able to absorb moisture and reduce friction which keeps the skin dry, helps prevent rashes, stops makeup from caking and generally helps improve the feel and texture of a product.

3- (b)

- Group of naturally occurring silicate minerals.
- According to the American Cancer Society, it is generally accepted that talc contaminated with asbestos can cause cancer. However, it is less clear whether asbestos free talc is harmful as well. Since the 1960s, it has been suggested that when applied to the genital area or on sanitary napkins, talcum powder can cause ovarian cancer. However, the FDA states, "These studies have not conclusively demonstrated such a link, or if such a link existed, what risk factors might be involved."
- For decades, pediatricians have advised parents to not use talcum powder on babies, even if it does not contain asbestos. They warn that if they inhale talc, it can cause choking, infection and respiratory illnesses.

4- (b)

- The Muslim League moved a resolution in Lahore demanding a measure of autonomy for the Muslim-majority areas only in 1940.
- Among those who raised the demand first was the Urdu poet Mohammad Iqbal, the writer of "Saare Jahan Se Achchha Hindustan Hamara". A few years after writing the song about unity beyond religion, Iqbal drastically changed his views. In his presidential address to the Muslim League in 1930, he spoke of a need for a "NorthWest Indian Muslim state".

5- (d)

- The PIN is made up of six digits.
- The PIN is made up of six digits. The first number indicates the postal region — Northern, Eastern, Western, Southern; and number 9, which signifies the Army Postal Service. The second number denotes a sub-region, and the third represents the sorting district. The remaining numbers narrow the geography further to the specific post office making the delivery.
- The person behind the initiative was Shriram Bhikaji Velankar, additional secretary in the Union Ministry of Communications and a senior

member of the Posts and Telegraphs Board.

- Velankar was also a Sanskrit poet of eminence who had been conferred the President's Award for Sanskrit in 1996, three years before he died in Mumbai.

6- (d)

- An indigenously developed howitzer gun.
- The tradition of gun salutes originates from the Western navies where guns from the ports and those from incoming ships used to be fired in a particular manner to convey that there was no belligerent intention. This tradition was carried forward as a way of paying respects or for according official welcome to the Crown, royals, military commanders and heads of states. India inherited the tradition from the British rulers who had gun salutes comprising 101 volleys, 31 volleys and 21 volleys, and so on depending on the hierarchy. In India, artillery gun salutes are fired on the Republic Day, the Independence Day and also at the time of oath taking ceremony of the President, among other occasions.
- The ATAGS is an indigenous 155 mm x 52 calibre howitzer gun developed by the Defence Research and

Development Organisation (DRDO) with its Pune-based facility Armament Research and Development Establishment (ARDE) being the nodal agency.

- Howitzers is an umbrella term for a category of long-range artillery guns.

7- (c)

- DigiYatra envisages that travellers pass through various checkpoints at the airport through paperless and contactless processing, using facial features to establish their identity, which would be linked to the boarding pass.
- With this technology, the entry of passengers would be automatically processed based on the facial recognition system at all checkpoints – including entry into the airport, security check areas, aircraft boarding, etc.
- The project is being implemented by the DigiYatra Foundation — a joint-venture company whose shareholders are the Airports Authority of India (26% stake) and Bengaluru Airport, Delhi Airport, Hyderabad Airport, Mumbai Airport and Cochin International Airport. These five shareholders equally hold the remaining 74% of the shares.

8- (a)

- Sir Hugh Rose is known to have described her as “personable, clever...and one of the most dangerous Indian leaders”.
 - The queen of the princely state of Jhansi, Rani Laxmibai is known for her role in the First War of India’s Independence in 1857. Born Manikarnika Tambe in 1835, she married the king of Jhansi. The couple adopted a son before the king’s death, which the British East India Company refused to accept as the legal heir and decided to annex Jhansi.
 - Refusing to cede her territory, the queen decided to rule on behalf of the heir, and later joined the uprising against the British in 1857. Cornered by the British, she escaped from Jhansi fort. She was wounded in combat near Gwalior’s Phool Bagh, where she later died. Sir Hugh Rose, who was commanding the British army, is known to have described her as “personable, clever...and one of the most dangerous Indian leaders”.
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