

February 22, 2018

**Q.1) Patagonia region is shared between**

- a) Israel and Palestine
- b) Indonesia and Papua New Guinea
- c) Chile and Argentina
- d) Norway and Sweden

**Q.1) Solution (c)**

Patagonia is a sparsely populated region located at the southern end of South America, shared by Argentina and Chile. The region comprises the southern section of the Andes mountains as well as the deserts, pampas and grasslands east of this southern portion of the Andes. Patagonia has two coasts: western facing the Pacific Ocean and eastern facing the Atlantic Ocean.



**Q.2) Yucatan Peninsula comprises of which of the following countries?**

- 1. Belize
- 2. Guatemala
- 3. Mexico

**Select the correct code:**

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

**Q.2) Solution (d)**

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The peninsula comprises the Mexican states of Yucatán, Campeche, and Quintana Roo; the northern part of the nation of Belize; and Guatemala's northern El Petén Department.

The Yucatan Peninsula is an area in south-eastern Mexico that separates the Caribbean Sea and the Gulf of Mexico.

The Yucatan is known for its tropical rainforests and jungles, as well as its being the home of the ancient Maya people. Because it is located in the Gulf of Mexico and the Caribbean Sea, the Yucatan Peninsula is prone to hurricanes which usually hit during the Atlantic hurricane season from June through November.



**Q.3) Consider the following statements about 'Opioid substitution therapy'**

1. It supplies illicit drug users with a replacement drug
2. The driving principle behind this therapy is that the patient experiences reduced symptoms of drug withdrawal and less intense drug cravings

**Select the correct statements**

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

**Q.3) Solution (c)**

Opioid replacement therapy (ORT), also called opioid substitution therapy or opioid maintenance therapy, is a drug therapy that involves replacing an opioid, such as heroin,

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with a longer acting but less euphoric opioid. Commonly used drugs for ORT are methadone or buprenorphine which are taken under medical supervision.

The driving principle behind ORT is the program's capacity to facilitate a resumption of stability in the user's life, while the patient experiences reduced symptoms of drug withdrawal and less intense drug cravings; a strong euphoric effect is not experienced as a result of the treatment drug.

Opioids are substances that act on opioid receptors to produce morphine-like effects. Medically they are primarily used for pain relief, including anaesthesia.

Opioid use disorder is a medical condition characterized by a problematic pattern of opioid use that causes clinically significant impairment or distress. It often includes a strong desire to use opioids, increased tolerance to opioids, and withdrawal syndrome when opioids are abruptly discontinued. Addiction and dependence are components of a substance use disorder and addiction represents the most severe form of the disorder. Opioid dependence can manifest as physical dependence, psychological dependence, or both.

Opioids include substances such as morphine, heroin, codeine, and oxycodone.

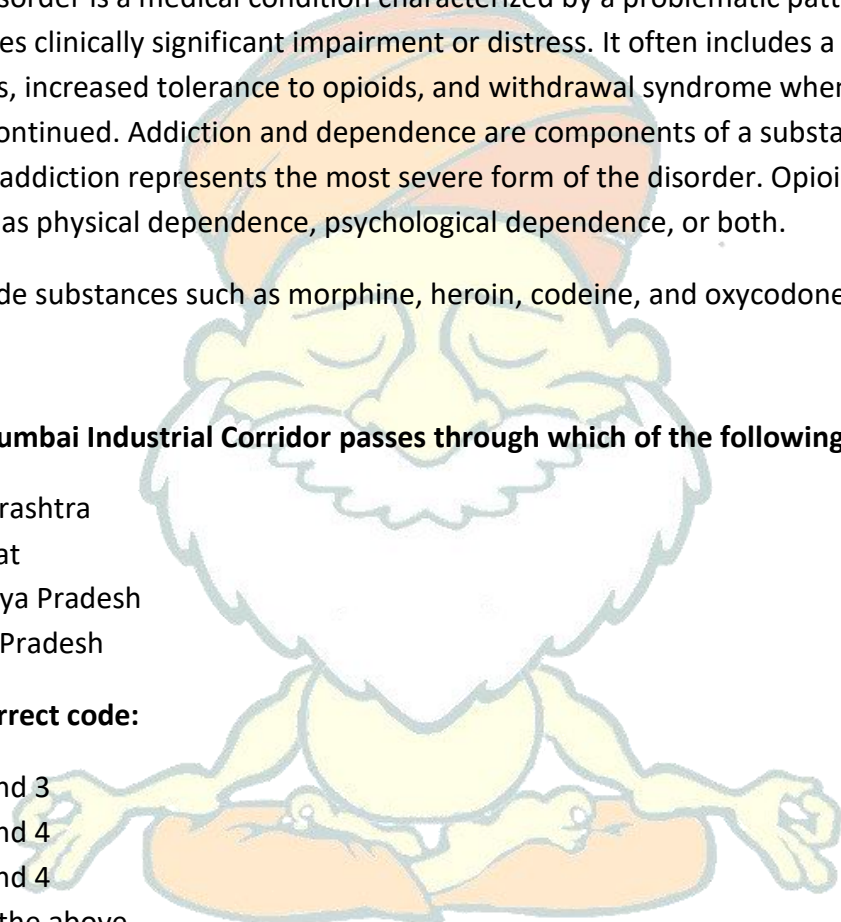
**Q.4) Delhi Mumbai Industrial Corridor passes through which of the following states?**

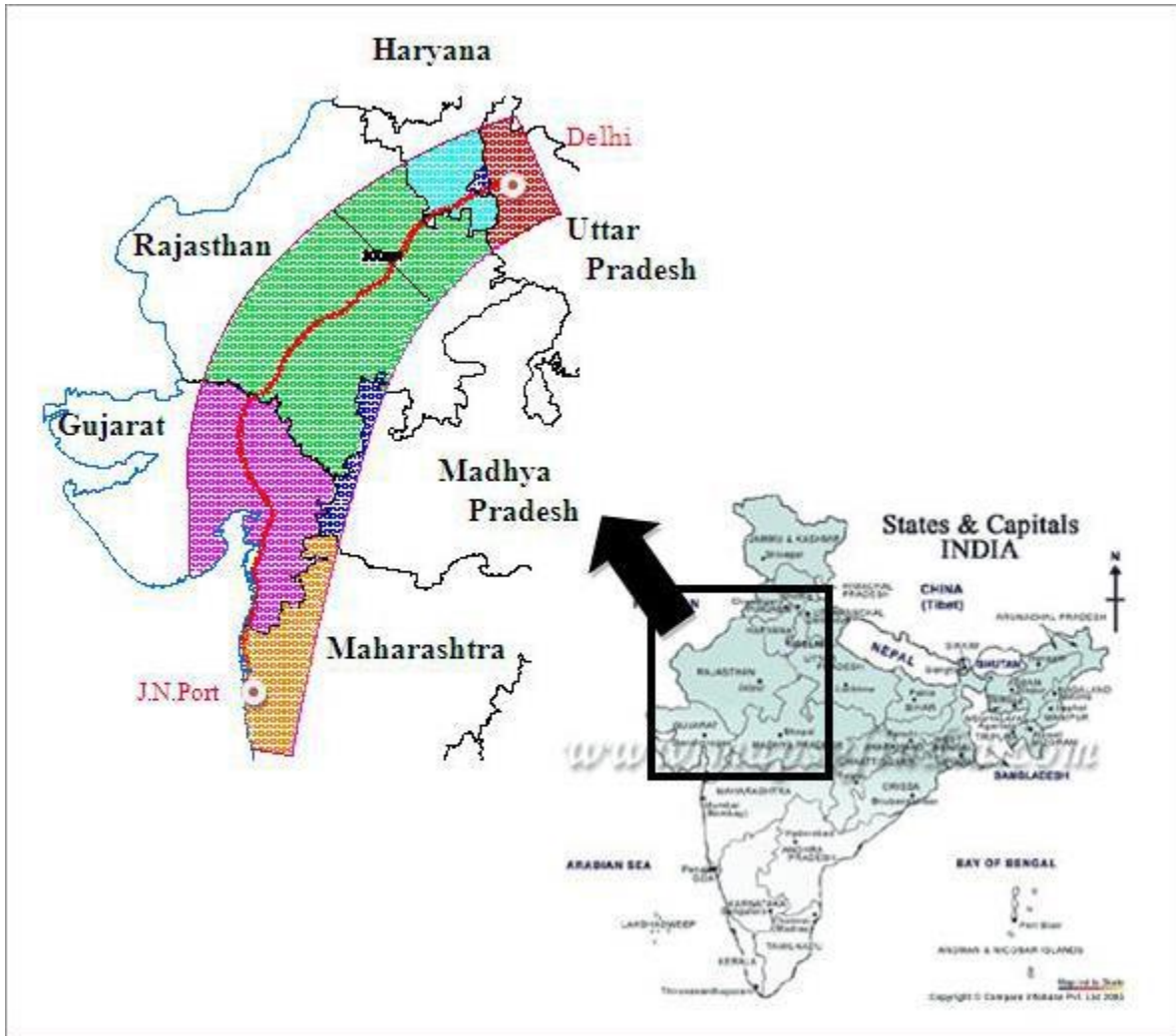
1. Maharashtra
2. Gujarat
3. Madhya Pradesh
4. Uttar Pradesh

**Select the correct code:**

- a) 1, 2 and 3
- b) 1, 2 and 4
- c) 2, 3 and 4
- d) All of the above

**Q.4) Solution (d)**





**Q.5) 'BioCarbon Fund Initiative for Sustain-able Forest Landscapes' is managed by the**

- a) Asian Development Bank
- b) International Monetary Fund
- c) United Nations Environment Programme
- d) World Bank

**Q.5) Solution (d)**

The BioCarbon Fund Initiative for Sustainable Forest Landscapes (ISFL) is a multilateral fund, supported by donor governments and managed by the World Bank. It seeks to promote reduced greenhouse gas emissions from the land sector, from deforestation and forest degradation in developing countries (REDD+), and from sustainable agriculture, as well as smarter land-use planning, policies and practices.