## 1. Correct Answer: D

#### Explanation

#### Solution (d)

Iran is bordered to the northwest by Armenia and Azerbaijan, to the north by the Caspian Sea, to the northeast by Turkmenistan, to the east by Afghanistan and Pakistan, to the south by the Persian Gulf and the Gulf of Oman, and to the west by Turkey and Iraq.

Note - Eliminate 'Red Sea', and you arrive at the answer.



# 2. Correct Answer: C

# Explanation

Solution (c)

#### India-EU Broad Based Trade and Investment Agreement (BTIA) negotiations

- India and the EU began negotiations on a broad-based Bilateral Trade and Investment Agreement (BTIA) in 2007
- These negotiations are pursuant to the commitment made by political leaders at the 7th India- EU Summit held in Helsinki in 2006 to move towards negotiations for a broad-based trade and investment agreement on the basis of the report of India-EU High Level Technical Group.

## 3. Correct Answer: B

Explanation

Solution (b)

## Ekaharya Lasyanga

- It is a solo performance depicting themes of love and relationships, mentioned in the Sanskrit text Natyasastra (2BC-2AD).
- Scholars have traced the Bharatanatyam to Ekaharya Lasyanga

## 4. Correct Answer: B

# Explanation

Solution (b)

#### **Statement Analysis:**

Statement 1	Statement 2
Incorrect	Correct
According to the World Health Organisation (WHO): Total dissolved solids (TDS) is the term used to describe the inorganic salts and small amounts of organic matter present in solution in water.	The presence of dissolved solids in water may affect its taste, i.e. taste and palatability.

#### **Additional Information:**

- As per a WHO study, TDS levels below 300 mg per litre are considered to be excellent, while 900 mg per litre is said to be poor and above 1200 mg is unacceptable.
- Reverse Osmosis (RO) is a water treatment process that removes contaminants from water by using pressure to force molecules through a semipermeable membrane.
- If TDS is less than 500 milligrams per litre, a RO system will not be useful but will result in removing important minerals as well as cause undue wastage of water.