



Prelims Practice Questions 20-05-2019

1) Consider the following statements with respect to *SIMBEX-2019*

1. It is a biennial maritime exercise held between Srilanka, India, Myanmar and Bangladesh.
2. The 26th edition of SIMBEX (2019) is being conducted off the coast of Bay of Bengal.

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

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : d

- The **26th Edition** of **Singapore India** Maritime Bilateral Exercise (SIMBEX) - 19 has commenced in the **South China Sea** recently.

2) Consider the following statements with respect to *Drugs Controller General of India (DGCI)*

1. He/She is responsible for approval of licenses of specified categories of drugs such as blood and blood products, vaccines, IV fluids and sera in India.
2. He/She works under the Ministry of Chemicals and Fertilisers.

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

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : a

- Drug Controller General of India (DGCI) under the gamut of Central Drugs Standard Control Organization, Ministry of Health and Family Welfare is responsible for approval of licenses of specified categories of drugs such as blood and blood products, IV fluids, vaccines and sera in India.
- DCGI lay down the standard and quality of manufacturing, selling, import and distribution of drugs in India.
- It acts as an appellate authority in case of any dispute regarding the quality of drugs.
- It prepares and maintains national reference standard.
- It brings about the uniformity in the enforcement of the Drugs and Cosmetics Act.
- It trains Drug Analysts deputed by State Drug Control Laboratories and other Institutions.

3) *The State of the World's Forest Report 2018* was published by which of the following organizations?

- a. UN Environment
- b. Food and Agricultural Organisation
- c. Sustainable Development Solutions Network

d. UNESCO

Answer : b

4) Directive Principles of the Indian constitution aims at establishing

1. Political democracy
2. Social democracy
3. Economic democracy

Which of the statements given above is/are correct?

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

Answer : c

- Part IV of the Constitution (Articles 36-51) contains the Directive Principles of State Policy.
- It shall be the duty of the State to follow these principles both in the matter of administration as well as in the making of the laws.
- They embody the object of the State as 'Welfare State'.
- It aims at establishing the economic and social democracy. Whereas Part III or Fundamental Rights aims at establishing political democracy.

5) 'Oru-Jati, Oru-Matam, Oru-Daivam, Oru-Manushyanu' is associated with

- a. Sahodarn Ayyappan
- b. Sri Naryana Guru
- c. E.V.Ramasamy
- d. K.Kelappan



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Answer : b

- Sahodarn Ayyaippa believed in Jati Venda, Matham Venda, Daivam Venda Manushyanu (**No Caste, No Religion, No God for Human-beings**). Despite such atheism, he nevertheless had deep respect for the Guru.

6) Consider the following statements regarding Bhitarkanika National Park

1. It is surrounded by Gahirmatha Beach
2. It is known for salt water crocodiles.
3. It is located in the mouth of Mahanadi Delta.

Which of the statements given above is/are correct?

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

Answer : c

- Bhitarkanika National Park is a national park located in the Kendrapara District Odisha in eastern India.
- The national park is surrounded by the Bhitarkanika Wildlife Sanctuary. Gahirmatha Beach and Marine Sanctuary lies to the east, and separates swamp region cover with canopy of mangroves from the Bay of Bengal.
- The Bhitarkanika Mangroves cover an area of 650 km² in the river delta of the Brahmani and Baitarani rivers.

- The Bhitarkanika Mangroves are home to 55 of India's 58 known mangrove species.
- The mangroves harbor one of India's largest populations of saltwater crocodiles, and Gahirmatha Beach, which separates the mangroves from the Bay of Bengal, is the world's most important nesting beach for olive ridley sea turtles.

7) Which of the following statement is correct regarding the Primary deficit?

- It is the difference between Revenue receipts and Revenue Expenditure
- It is the difference between capital receipts and Interest Payment
- It is the difference between the Fiscal Deficit and Interest Payment
- It is an addition of Fiscal Deficit and Interest Payment

Answer : c

- Primary deficit is one of the parts of fiscal deficit. While fiscal deficit is the difference between total revenue and expenditure, primary deficit can be arrived by deducting interest payment from fiscal deficit.
- Interest payment is the payment that a government makes on its borrowings to the creditors.
- $\text{Primary deficit} = \text{government spending} - \text{tax revenues}$
- $\text{Fiscal deficit} = \text{primary deficit} + \text{interest payments on borrowings}$.

8) What is the scientific reason behind the usage of CO₂ to extinguish the fire caused due to electrical or other fire accidents?

- It reduces the heat generation around the accident spot
- CO₂ reacts with oxygen thereby reduces the source for the flame
- It is heavier than oxygen and covers fire like a blanket
- The lighter nature of CO₂ makes it to act as a catalyst to extinguish the fire

Answer : c

- Carbon dioxide extinguishers work because carbon dioxide molecules are heavier than oxygen molecules.
- When the liquid carbon dioxide inside the extinguisher expands into a gas, the carbon dioxide pushes out any oxygen surrounding the fire. Without oxygen available to fuel the chemical reaction, the fire goes out quickly.
- This property can also make them dangerous in confined spaces since the carbon dioxide also pushes out any oxygen that the user needs to breathe.

9) The Pelindaba Treaty is related with which of the following?

- Neglected Tropical disease
- Nuclear Weapons Free Zone
- Peatland Conservation
- Maritime cooperation treaty

Answer : b

- African Nuclear Weapon-Free Zone Treaty (ANWFZT) also known as the Treaty of Pelindaba establishes a Nuclear-Weapon-Free Zone in Africa.

10) Which one among the following is an example for contact force?

- Gravitational force
- Frictional force
- Push force
- Strain force

Select the correct answer by using the codes given below:

- a. 1 only
- b. 2 and 4 only
- c. 1, 2 and 3 only
- d. 2, 3 and 4 only

Answer : d

- Gravitational waves were too weak in nature and thus they will not interact with any types of matters in the universe and thus it is not included under the contact forces category.



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