



1. Consider the following statements about Vajra Sentinel System, recently contracted by the Ministry of Defence:

- 1) It is designed to launch counterattacks with kamikaze drones.
- 2) It uses passive Radio Frequency sensors to identify and track drones.
- 3) It utilizes a human-operated decision-making process for countermeasures.
- 4) Its core sensor employs AI and computer vision for drone recognition.

How many of the above statements are correct?

- a) Only one
- b) Only two
- c) Only three
- d) All four

2. Consider the following passage:

This country is located on the west-central coast of Southern Africa. It shares its border with Zambia to the East, the Atlantic Ocean to the West, the Democratic Republic of the Congo to the North and Namibia to the South. The highest point of this country is Mount Moco. Some major rivers in country include the Cuanza (longest river), Zambezi, Kwango, Cuando and Cunene Rivers. It is rich in natural resources, including oil, diamonds, iron ore, phosphates, copper, feldspar, gold, bauxite and uranium. According to the 2023 Global Hunger Index, country's hunger level is rated as serious with a score of 25.9.

The above passage best describes which of the following African countries?

- a) Malawi
- b) Namibia
- c) Botswana
- d) Angola

3. Which of the following statements best defines inclusive growth?

- a) Inclusive growth refers to economic development that benefits only a specific segment of society, typically the wealthy.
- b) Inclusive growth aims to ensure that economic growth is broad-based, benefiting all segments of society, including marginalized groups.
- c) Inclusive growth is a term used to describe economic policies that prioritize the interests of multinational corporations over local businesses.
- d) Inclusive growth focuses solely on maximizing profits for shareholders without regard for social or environmental impacts.

4. Which of the following statements about Venture Debt is true?

- a) Venture debt is typically provided to early-stage startups in exchange for equity.

- b) Venture debt is a form of financing where investors receive a fixed return regardless of the success of the venture.
- c) Venture debt is often used by startups to complement equity financing and extend the runway between equity rounds.
- d) Venture debt carries lower interest rates compared to traditional bank loans due to its higher risk profile.

5. Consider the following statements:

- 1) 19 European Union member states use the euro (€) as their official currency.
- 2) The European Union was officially established with the Maastricht Treaty in 1993

Which of the following is correct in respect of the above statements?

- a) Both Statement-I and Statement-II are correct and Statement –II is the correct explanation of Statement-I
- b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- c) Statement-I is correct but Statement-II is incorrect
- d) Statement-I is incorrect but Statement-II is correct

6. Consider the following statements about the Darien Gap, recently seen in news:

- 1) It is a region of dense forest and mountains on the border between Colombia and Panama.
- 2) It is a major obstacle for the completion of the Pan-American Highway.
- 3) It is a preferred route for migrants seeking asylum in the United States.

How many of the statements given above are correct?

- a) Only one
- b) Only two
- c) All three
- d) None

7. Consider the following statements about ‘Vocal for Local’ initiative

- 1) It is an initiative of NITI Aayog under its Aspirational Blocks Programme
- 2) It encourages a spirit of self-reliance and propel people towards sustainable growth and prosperity.
- 3) For this initiative local products from 500 aspirational blocks have been mapped and consolidated under the Aakanksha brand.

How many of the statements given above are correct?

- a) Only one
- b) Only two
- c) All three
- d) None of the above

8. Consider the following statements about Electric Mobility Promotion Scheme 2024

- 1) This is a fund limited scheme with a total outlay of Rs. 2000 crore for the period of 4 months.
- 2) The nodal ministry for the implementation of the scheme is Ministry of Heavy Industries.

Choose the correct statement:

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

9. Consider the following statements about Trademarks

- 1) A trademark is a symbol, design, word or phrase that is identified with business.
- 2) Once registered, a trademark is valid for 10 years and can be renewed by the owner periodically.
- 3) There is no notion of Passing off in the Indian Trademarks Act, 1999, that seeks to safeguard the goodwill associated with unregistered trademarks.

How many of the statements given above are correct?

- a) Only one
- b) Only two
- c) All three
- d) None of the above

10. Consider the following statements about ETHANOL 100 Fuel

- 1) It has high-octane rating, typically between 100-105
- 2) It includes 93-93.5% ethanol blended with 5% petrol and 1.5% co-solvent, which is a binder.

Choose the correct statement:

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