

## Weekly Quiz (11<sup>th</sup>-17<sup>th</sup> Sept)

Q1. Consider the following about Coffee Cultivation

1. It grown under thick natural shade, ecologically sensitive regions of the Western and Eastern Ghats.
2. High temperature above 30°C are favourable for Coffee cultivation.
3. Heavy clay soils and sandy soils are best suited for Coffee.

How many of the above statements is/are correct?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q2. Section 69 of BNS, 2023 creates two violations: one by deceitful means, and one by a 'false promise to marry.' Consider the following statements about the same

1. Deceitful means to marry will be attracted only when a man makes a promise to marry a woman, with the intention of breaking it, for the purpose of getting her consent and sexually exploiting her.
2. The false promise will include the "false promise of employment or promotion, inducement or marrying after suppressing identity."
3. Both offences will extract a penalty of up to ten years of imprisonment.

How many of the above statements is/are incorrect?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q3. Consider the following statements about new Post Office Bill (2023)

1. The new Bill authorises the central government which "may, by notification, empower any officer to cause any item in course of transmission by the Post Office to be intercepted, opened or detained in the interest of the security of the State, friendly relations with foreign states, public order, emergency, or public safety or upon the occurrence of any contravention of any of the provisions of this Act....".
2. The new Bill provides the central government "standards for addressing on the items, address identifiers and usage of post codes". This provision will have a far-reaching impact as the physical address may be replaced by a digital code using geo-spatial coordinates to identify a specific premise.
3. The new Bill is to drop the hitherto existing provision in clause 4 of the 1898 Act: "Central Government shall have the exclusive privilege of conveying by post, from one place to another, all letters ... and shall also have the exclusive privilege of performing all the incidental services of receiving, collecting, sending, despatching and delivering all letters....".

Which of the above statements is/are incorrect?

- a) Only 1 and 3
- b) Only 2

- c) Only 1 and 2
- d) All are correct

Q4. Consider the following statements

1. Thiers' law comes into play when the exchange rate between two moneys or currencies is fixed by the government at a certain ratio that is different from the market exchange rate.
2. The phenomenon wherein "good money drives out bad" is called Thiers' law and it is seen as a complement to Gresham's law.

Which of the above statements is/are incorrect?

- a) Only 1
- b) Only 2
- c) Both 1 and 2
- d) None of the above

Q5. Which of the following is the 21<sup>st</sup> member of G-20?

1. European Union
2. African Union
3. Association of Southeast Asian Nations

How many of the above are correct statements?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q6. Consider the following statements about Ayushman Bhav campaign

1. The campaign, initiated by the Ministry of Women and Child Development, is aimed at providing a comprehensive nationwide healthcare initiative to saturate coverage of healthcare services, reaching every village and town.
2. The portal marked a significant leap towards achieving Universal Health Coverage (UHC).
3. The gram panchayats who successfully achieved their goals would be declared as Ayushman gram panchayats.

How many of the above are correct?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q7. Recently, Indian Institute of Science (IISc) scientists have developed a new approach to potentially detect and kill cancer cells, especially those which form a solid tumour mass. Consider the following statements about the same and choose the incorrect one.

- a) Gold nanoparticles can be chemically modified to target cancer cells and have shown anticancer effects.

- b) The scientists have created hybrid nanoparticles made of gold and silver sulphide, which can kill cancer cells using heat.
- c) The particles have photothermal, oxidative stress, and photoacoustic properties.
- d) The nanoparticles used produce singlet oxygen atoms that are toxic for the cells.

Q8. Consider the following statements about World Suicide Day

1. It was first marked on September 10, 2003, as an initiative by the International Association for Suicide Prevention (IASP) in collaboration with the World Health Organization (WHO).
2. WHO create this day to spread an important message that “suicides are preventable”.

Choose the incorrect statements

- a) Only 1
- b) Only 2
- c) Both 1 and 2
- d) None of the above

Q9. Which of the following can be a possible outcome of climate change?

- a) Loss of polar ice sheets
- b) Regional climate disruptions
- c) Loss of glacial freshwater supplies
- d) All the above

Q10. Earth is exceeding its “safe operating space for humanity” in six of nine key measurements of its health, and two of the remaining three are headed in the wrong direction, a new study said. How many of the following key measurements is/are not as per the safe limits?

1. Climate,
2. Biodiversity,
3. Land
4. Freshwater
5. Acidity of the oceans
6. Health of the air and the ozone layer

Choose the correct answer

- a) Only 3
- b) Only 4
- c) Only 2
- d) Only 6

Q11. Consider the following statements about C-295 Transport Aircraft

1. Indigenous radar warning receiver, missile approach warning systems and counter measure dispensing system made have been certified and installed on the first aircraft.
2. It will replace the legacy Avro fleet of the IAF, which was acquired in the 1960s.
3. The acquisition sets into motion India’s first-ever ‘Make in India’ Aerospace programme in the private sector.

How many of the above is/are incorrect?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q12. Which of the following statements is/are correct?

1. Section 90 of IPC, which defines rape, further defines consent as “an unequivocal voluntary agreement when the woman by words, gestures or any form of verbal or non-verbal communication, communicates a willingness to participate in the specific sexual act.”
2. Section 375 of IPC says consent, given under “fear of injury” or “misconception of fact,” cannot be considered as consent.

Codes:

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

Q13. Which of the following is correct about Hindi Diwas?

- a) This day holds special significance in the country's history as it commemorates the adoption of Hindi as one of India's official languages.
- b) This day serves as a reminder of the role Hindi plays in unifying the nation's diverse linguistic and cultural landscape.
- c) The Constituent Assembly of India, on September 14, 1949, formally recognized Hindi, written in the Devanagari script, as the official language of India for central government and Union purposes.
- d) All the above

Q14. How many of the following are correctly mentioned?

1. The supply of a currency in the market rises as its price rises and falls as its price falls.
2. The demand for a currency rises as its price rises and falls as its price falls.
3. When the price of a currency is fixed by the government at a level below the market exchange rate, the currency's supply rises and the demand for the currency also rises.

Codes:

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above

Q15. Consider the following about African Union

1. The African Union (AU) stands as an intergovernmental organization comprising 55 member states located on the African continent.
2. The headquarters of the AU's secretariat, known as the African Union Commission, is situated in Addis Ababa.

3. Its official launch was in 2002, marking it as the successor to the Organisation of African Unity (OAU), which was initially established in 1963.

How many of the above statements is/are correct?

- a) Only 1
- b) Only 2
- c) Only 3
- d) None of the above