

Q: Consider the following:

1. Jim Corbett National Park
2. Forest Survey of India (FSI)
3. White Tiger Safari

Which among the following is located in Uttarakhand?

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- Jim Corbett National Park: Uttarakhand
- Forest Survey of India (FSI): Uttarakhand
- White Tiger Safari: Madhya Pradesh
- Pakhro tiger safari: Uttarakhand

Q: Consider the following statement regarding GM Mustard DMH-11:

1. Mustard is sown in summer and winter.
2. Mustard is largest edible oil yielding crop of India.
3. It is Herbicide Tolerant (HT) crop.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: b

Explanation:

- Mustard is one of India's most important winter crops sown between mid-October and late November.
- It is a self-pollinating crop difficult to hybridise naturally as it cross-pollinates.
- It is the largest edible oil yielding crop of India.
- DMH (Dhara Mustard Hybrid)-11 is a genetically modified variety of mustard developed by the Centre for Genetic Manipulation of Crop Plants at Delhi University.
- It was a Government sponsored project.
- But researchers at Delhi University have created hybridised mustard DMH-11 using "barnase / barstar" technology for genetic modification.
- It is a Herbicide Tolerant (HT) crop.

Q: Consider the following statement regarding Human sacrifice and Witchcraft death in India:

1. According to NCRB report, maximum number of witchcraft cases were reported from Chhattisgarh.
2. In India, there is no central law that exclusively deals with crimes related to witchcraft.

Choose the correct option from the codes given below:

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

Ans: c

Explanation:

- As per National Crime Records Bureau (NCRB), 2021 report, six deaths were linked to human sacrifices, while witchcraft was the motive for 68 killings. The maximum number of witchcraft cases were reported from Chhattisgarh (20), followed by Madhya Pradesh (18) and Telangana (11).
- Kerala saw two cases of human sacrifice. In 2020, India saw 88 deaths due to witchcraft and 11 died as part of 'human sacrifices'.
- In India, there is no central law that exclusively deals with crimes related to witchcraft, superstition, or occult-inspired activities.

Q: Consider the following statement regarding Hepatitis B virus (HBV):

1. It is spread primarily through sexual contact and sharing of contaminated needles.
2. It causes chronic hepatitis B infection.
3. It can lead to progressive liver disease.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: d

Explanation:

- Hepatitis B virus (HBV) is spread primarily through sexual contact and sharing of contaminated needles. It causes chronic hepatitis B infection and can lead to progressive liver disease.
- People living with HIV, including those who are taking antiretroviral therapy, are at a greater risk of liver-related illness and death when co-infected with HBV.
- According to the Centers for Disease Control and Prevention, 10 per cent of U.S. adults with HIV also have hepatitis B. People living with HIV are less likely to produce a protective immunological response to HBV vaccination.

Q: Consider the following statement:

1. Israel considers "complete and united" Jerusalem as its capital.
2. Most countries still have their embassies in Tel Aviv and not Jerusalem.
3. Australia gave its recognition of West Jerusalem as the capital of Israel.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- Israel considers "complete and united" Jerusalem as its capital. Palestinian officials are of the view that East Jerusalem should be the capital of the future State of Palestine.
- Australia revoked its recognition of West Jerusalem as the capital of Israel this week, and said it remains committed to a two-State solution
- Most countries still have their embassies in Tel Aviv and not Jerusalem. Before 1980, many embassies were located in Jerusalem, but a U.N. Security Council Resolution urged countries to move their missions out of Jerusalem