



MCQs:

1. Which of the following statement/s is/are true?

1. Biomethanation is a process by which organic material is microbiologically converted under anaerobic conditions to biogas.
2. Biogas mainly consists of methane, carbon dioxide besides small quantities of NH₃ and H₂S.

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

Ans: c

Explanation:

- Biogas mainly consists of methane (about 60-75%), carbon dioxide (about 25-40%) besides small quantities of NH₃ and H₂S and has a Calorific Value of about 5000 kcal /m³.
- Biomethanation is a process by which organic material is microbiologically converted under anaerobic conditions to biogas.

2. Suhelwa wildlife sanctuary is located at?

- (a) Uttar Pradesh
(b) Odisha
(c) Gujarat
(d) Andhra Pradesh

Ans: a

Explanation:

- Suhelwa Wildlife Sanctuary in Uttar Pradesh is a new area where photographic evidence of tigers has been recorded for the first time, said the latest report on tiger census in the country.



3. Kamchatka Peninsula is located at?

- (a) Russia
- (b) India
- (c) Indonesia
- (d) South Africa

Ans: a

Explanation:

- A volcano erupted on Russia's far eastern Kamchatka Peninsula.

4. Which of the following statement/s is/are true?

1. The Large Hadron Collider(LHC) is the world's largest and highest-energy particle collider.
2. It was built by NASA in Partnership with ESA.

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

Ans: a

Explanation:

- The Large Hadron Collider(LHC) is the world's largest and highest-energy particle collider.
- It was built by the European Organization for Nuclear Research(CERN) between 1998 and 2008.



5. The Kudmi Community is seeking Scheduled Tribe (ST) status belongs to?

- (a) Assam, Manipur, Nagaland
- (b) West Bengal, Jharkhand and Odisha
- (c) Kerala, Tamil Nadu, Karnataka
- (d) Karnataka, Maharashtra, Gujarat

Ans: b

Explanation:

- Kudmis are mainly a peasant community, with their population concentrated in the Chota Nagpur plateau of West Bengal, Jharkhand and Odisha.
- In some areas, they are also known as Mahatos or Kurmis.