



MCQs:

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

1. Cloud seeding process includes introduction into clouds of various material/ chemical that act as condensation nuclei.
2. Sodium chloride, silver iodide, dry ice (carbon dioxide), potassium iodide and propane are some cloud seeding materials.

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

Ans: c

Explanation:

- Deliberate introduction into clouds of various material/ chemical that act as condensation nuclei in an attempt to induce precipitation is called cloud seeding.
- Cloud seeding material, including sodium chloride, silver iodide, dry ice (carbon dioxide), potassium iodide, propane etc., bonds to water vapour particles that make up a cloud.

2. Joha Rice is a GI tagged variety from?

- (a) Kerala
(b) Uttarakhand
(c) Madhya Pradesh
(d) Assam

Ans: d

Explanation:

- Scientists explored nutraceutical properties of Joha rice (a GI Tag rice from Assam) and detected two unsaturated fatty acids: linoleic acid (omega-6) and linolenic (omega-3) acid.



- Joha rice has a more balanced ratio of omega-6 to omega-3 in comparison to widely consumed non-scented variety.

3. Who is the founder of Ghadar Party in San-Francisco, USA?

- (a) Mahadeo Govind Ranade
- (b) Ishwar Chandra Vidyasagar
- (c) Raja Ram Mohan Roy
- (d) Lala Hardayal

Ans: d

Explanation:

- Ghadar Party was founded by Sohan Singh Bhakna and Lala Hardayal. Its aim was to get rid of the colonial super-power by means of an armed struggle and to set up a national democratic government on the sub-continent.

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

1. Sickle Cell Disease is a type of haemoglobin disorders,
2. It affect how oxygen is carried in the body.

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

Ans: c

Explanation:

- SCD is a type of haemoglobin disorders, inherited blood diseases that affect how oxygen is carried in the body.
- SCD is characterized by a modification in the shape of the red blood cell from a smooth, donut-shape into a crescent or half-moon shape.



5. Shikoku island associated with founding Shingon Buddhism is located at?

- (a) Sri Lanka
- (b) Bhutan
- (c) Myanmar
- (d) Japan

Ans: d

Explanation:

- Pilgrimage on Shikoku links 88 Buddhist temples, each of which claims a connection to Buddhist monk Kukai who is credited with founding Shingon Buddhism.
- Shikoku is the smallest of Japan's four main islands (Hokkaido, Honshu, and Kyushu are other three).