

Q: Consider the following statement regarding Tiger orchid:

1. It is the largest orchid species in the world.
2. They grow in Terrestrial habitats.
3. This species is mainly found in Valley of Flowers.

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:

- Tiger orchid is the largest orchid species in the world.
- It is called Tiger Orchid because of its splendid flowers which sport striking brown spots against a yellow backdrop, bringing to mind tigers.
- After 8-12 years of growth, *Grammatophyllum speciosum* produces flowers in alternate years in its natural habitat.
- It is often grown as an ornamental orchid in gardens and parks for its attractive foliage and large flowers.
- It flowers in January or July, but plants do not flower every year.
- Distribution area are Malaysia, Indonesia, Thailand, Myanmar and Laos.
- They grow in Terrestrial (Primary Rainforest, Freshwater Swamp Forest, Riverine) habitats.
- Preferred Climate Zone is Tropical, Sub-Tropical / Monsoonal.

Q: Consider the following statement regarding Ludwigia Peruviana:

1. It is a native of North America.
2. It is an aquatic plant.
3. It grows faster in wetlands than other harmful weeds.

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:

- Ludwigia Peruviana is popularly called primrose willow, Ludwigia Peruviana, is a native of Central and South America.
- Its flower is pale yellowish in colour and the plant grows to a height of about 12 feet.
- It is an aquatic plant, which is now challenging the existence of local vegetation in various swampy areas around the world.
- The rapid large-scale spread of the weed — which was probably introduced as an ornamental plant for its tiny yellow flowers
- It grows faster in wetlands than other harmful weeds.

Q: Consider the following statement regarding Open Network for Digital Commerce (ONDC) Academy

1. It is an initiative of Department for Promotion of Industry and Internal Trade (DPIIT).
2. It aims to create a facilitative model to help small retailers take advantage of digital commerce.

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:

- Open Network for Digital Commerce (ONDC) Academy is an initiative of Department for Promotion of Industry and Internal Trade (DPIIT) initiative to create a facilitative model to help small retailers take advantage of digital commerce.
- It was launched by ONDC in collaboration with NSE Academy Ltd, a subsidiary of the National Stock Exchange.
- It is not an application, platform, intermediary, or software but a set of specifications designed to foster open, unbundled, and interoperable open networks.

Q: Consider the following statement regarding Batagaika Crater:

1. It is located in Russia.
2. It is the world's biggest permafrost crater.
3. It holds clues to prehistoric life on Earth.

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:

- Batagaika Crater is located in Russia's Far East that forms the world's biggest permafrost crater.
- Scientists believe that the crater is the result of a melting permafrost land, which was frozen during the Quaternary Ice Age 2.58 million years ago,
- It began to form after the surrounding forest was cleared in the 1960s and the permafrost underground began to melt, causing the land to sink.
- It is also called as "gateway to the underworld," by some locals in Russia's Sakha Republic It has a scientific name: a mega-slump.
- This is produced by higher air temperatures, warming climate and anthropogenic impact.
- It holds clues to prehistoric life on Earth.

Q: Consider the following statement regarding Brain Fog:

1. It is a symptom of other medical conditions.
2. It is characterized by confusion, forgetfulness, and a lack of focus and mental clarity.
3. It is not a lifestyle problem.

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:

- Brain fog itself is not a medical condition but instead a symptom of other medical conditions.
- It is a term used to describe a variety of symptoms that can affect your ability to think clearly.
- It is characterized by confusion, forgetfulness, and a lack of focus and mental clarity.
- It is typically rooted in a lifestyle that promotes hormonal imbalances.