



MCQs:

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

1. Quantum computers calculate using qubits.

2. Superposition and entanglement are two important abilities of Quantum computers.

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ans: c

Explanation:

- Qubits can also be in what's called 'superposition' – where they're both on and off at the same time, or somewhere on a spectrum between the two. A qubit allows for uncertainty.
- The other thing that qubits can do is called entanglement. In entanglement, two particles are linked together, even if they're physically separate.

2. Madhubani Paintings are associated with?

(a) Bihar

(b) Odisha

(c) Tamil Nadu

(d) Kerala

Ans: a

Explanation:

- It is the folk painting of Bihar.
- In this style of folk painting, the scenes of Ramayana and the images Hindu God-Goddesses are depicted on the canvas.

3. White Spot Syndrome Virus affects??



- (a) Shrimp
- (b) Penguin
- (c) Dolphin
- (d) Parrot

Ans: a

Explanation:

- It is responsible for causing white spot syndrome in a wide range of crustacean hosts.

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

1. El Niño–Southern Oscillation (ENSO) is an irregularly periodic variation in winds and sea surface temperatures over the tropical eastern Pacific Ocean.

2. The warming phase of the sea temperature is known as La Niña and the cooling phase as El Niño.

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

Ans: a

- Every three to seven years, the surface waters across tropical Pacific Ocean warm or cool by 1°C to 3°C, compared to normal.
- The warming phase of the sea temperature is known as El Niño and the cooling phase as La Niña.
- Thus, El Niño and La Niña are opposite phases of what is known as the El Niño-Southern Oscillation (ENSO) cycle.

5. Kramatorsk is located at?

- (a) Russia
- (b) Poland
- (c) Ukraine



(d) Turkey

Ans: c

- Kramatorsk city is in the northern portion of Donetsk Oblast, in eastern Ukraine.
- The city is located on the banks of the Kazennyi Torets River which is a right tributary of the Siversky Donets.