



MCQs:

1. Which of the following is/are true?

1. Photons are tiny packets of energy for light or electromagnetic waves.
2. Phonons need a medium such as air or water. are packets of energy for sound waves.

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

Ans: c

Explanation:

- Photons are tiny packets of energy for light or electromagnetic waves.
- Phonons are packets of energy for sound waves.
- Phonons need a medium such as air or water.

2. LEED certification is associated with?

- (a) Water Harvesting
(b) Green Building
(c) Electric Vehicles
(d) Women in Science

Ans: b

Explanation:

- LEED rating system provides a framework for healthy, efficient, carbon and cost-saving green buildings.
- It is a globally recognized certification system developed by U.S. Green Building Council and administered by Green Business Certification Inc.



3. Kareri lake is located at?

- (a) South of the Dhauladhar range
- (b) North of Karakoram Range
- (c) West of Ladakh Range
- (d) Easternmost of Shivalik

Ans: a

Explanation:

- Kareri Lake (also known as Kumarwah Lake) is a high altitude, shallow, fresh water lake south of the Dhauladhar range, near Dharamsala in Kangra district, Himachal Pradesh.

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

1. BIS is National Standard Body of India.
 2. It functions under Ministry of Consumer Affairs, Food & Public Distribution.
- (a) 1 only
 - (b) 2 only
 - (c) Both 1 and 2
 - (d) Neither 1 nor 2

Ans: c

Explanation:

- BIS is National Standard Body of India. It functions under Ministry of Consumer Affairs, Food & Public Distribution. It is responsible for development of activities of standardization, marking and quality certification of goods etc.



5. In the west, the Mediterranean Sea is connected to the Atlantic Ocean via?

- (a) Malacca Strait
- (b) Strait of Gibraltar
- (c) Bering Strait
- (d) Strait of Hormuz

Ans: b

Explanation:

- It is an intercontinental sea that is bordered by the continent of Europe in the north, by Asia in the east, and by Africa in the south.
- In the west, the Mediterranean Sea is connected to the Atlantic Ocean via the narrow Strait of Gibraltar.
- In the extreme northeast, it is connected to the Black Sea via the Dardanelles Strait, the Sea of Marmara, and the Bosphorus Strait.
- The Mediterranean Sea is also connected to the Red Sea via the Suez Canal in the southeast.