



MCQs:

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

1. Photovoltaics (PV) is the conversion of light into electricity using semiconducting materials that exhibit the photovoltaic effect.

2. The photovoltaic effect is the generation of voltage and electric current in a material upon exposure to light.

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ans: c

Explanation:

- The photovoltaic effect is closely related to the photoelectric effect. In either case, light is absorbed, causing excitation of an electron or other charge carrier to a higher-energy state.

2. Which of the following sectors are not covered under the Index of Industrial Production?

(a) Mining

(b) Manufacturing

(c) Electricity

(d) None of the above

Ans: d

Explanation:

- Mining, manufacturing, and electricity are the three broad sectors in which IIP constituents fall.

3. Which of the following countries is not a member of BIMSTEC?

(a) Myanmar



- (b) Bhutan
- (c) Bangladesh
- (d) Maldives

Ans: b

Explanation:

- The BIMSTEC member states—Bangladesh, India, Myanmar, Sri Lanka, Thailand , Nepal and Bhutan—are among the countries dependent on the Bay of Bengal.

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

1. The Brahmaputra is one of the major rivers of Asia With its origin in the Angsi glacier.
2. It is a trans-boundary river which flows through China, India and Bangladesh.

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

Ans: c

Explanation:

- The Brahmaputra is one of the major rivers of Asia With its origin in the Angsi glacier, located on the northern side of the Himalayas, a trans-boundary river which flows through China, India and Bangladesh.

5. The Golden Crescent terminology refers to?

- (a) Iran-Afghanistan-Pakistan
- (b) India-Afghanistan-Pakistan
- (c) Iraq-Iran-Oman
- (d) Russia-Ukraine-Azerbaijan



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Ans: a

Explanation:

- India is in the middle of two major illicit opium production regions in the world:
- The Golden Crescent (Iran-Afghanistan-Pakistan) in the West.
- The Golden Triangle (South-East Asia) in the East.