



MCQs:

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

1. Strategic petroleum reserves are huge stockpiles of crude oil to deal with any crude oil-related crisis.
2. Each International Energy Agency (IEA) country has an obligation to hold emergency oil stocks.

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ans: c

Explanation:

- Strategic petroleum reserves are huge stockpiles of crude oil to deal with any crude oil-related crisis like the risk of supply disruption from natural disasters, war or other calamities.
- According to the agreement on an International Energy Programme (I.E.P.), each International Energy Agency (IEA) country has an obligation to hold emergency oil stocks equivalent to at least 90 days of net oil imports.

2. With ancient South India, Korkai, Poompuhar and Muchiri were well known as?

(a) Capital Cities

(b) Ports

(c) centres of iron-and- steel making

(d) shrines of Jain tirthankaras

Ans: b

Explanation:

- Korkai, Poompuhar and Muchiri were well known ports.



3. Which one of the following explains the practice of “Vattakirutal” as mentioned in Sangam poems?

- (a) Kings employing women bodyguards
- (b) Learned persons assembling in royal courts to discuss religious and philosophical matters
- (c) Young girls keeping watch over agricultural fields and driving away birds and animals
- (d) A king defeated in a battle committing ritual suicide by starving himself to death.

Ans: d

Explanation:

- **Vatakkirutal** , also Vadakirutal and vadakirutal, was a Tamil ritual of fasting till death. It was especially widespread during the Sangam age.

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

- 1. Li-ion battery is a type of rechargeable battery.
- 2. They are environment friendly compared to conventional batteries.

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

Ans: c

Explanation:

- Lithium-ion batteries are also said to have a low environmental impact because they do not use substances such as cadmium, lead, and mercury as materials.
- Li-ion battery is a type of rechargeable battery that is charged and discharged by lithium ions moving between negative (anode) and positive (cathode) electrodes.



- Substances like cadmium, lead, and mercury have always existed in nature, so they do not have a major impact on the natural environment itself.

5. Mahakaleshwar temple is one of the 12 Jyotirlingas in the country. Where is it located?

- (a) Uttar Pradesh
- (b) Odisha
- (c) Madhya Pradesh
- (d) Haryana

Ans: c

Explanation:

- Nepal's Prime Minister offered prayers at famous Mahakaleshwar temple in Ujjain city of Madhya Pradesh.
- Mahakaleshwar temple is one of the 12 Jyotirlingas in the country and only jyotirlinga facing the south, while all the others face east.