



MCQs:

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

1. ExoMars 2022 mission will be launched by European Space Agency.
2. The primary aim of the mission is to check if there has ever been life on Mars and also understand the history of water on the planet.

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

Ans: c

Explanation:

- The primary aim of the mission is to check if there has ever been life on Mars and also understand the history of water on the planet.
- The European rover will drill to the sub-surface of Mars to collect samples from about 2 m of depth.

2. Mahabalipuram Shore temple is located at?

- (a) Kerala
(b) Karnataka
(c) Odisha
(d) Tamil Nadu

Ans: b

Explanation:

- The Shore Temple (c. 725 AD) is a complex of temples and shrines that overlooks the shore of the Bay of Bengal. It is located in Mahabalipuram, Tamil Nadu.

3. Which one of the following planets has the largest number of natural satellites or moons?

- (a) Saturn



- (b) Uranus
- (c) Neptune
- (d) Jupiter

Ans: a

Explanation:

Saturn has overtaken Jupiter as the planet with the most moons, according to US researchers. A team discovered a haul of 20 new moons orbiting the ringed planet, bringing its total to 82; **Jupiter, by contrast, has 79 natural satellites.**

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

1. Radio-Frequency Identification (RFID) is the use of radio waves to read and capture information stored on a tag attached to an object.
2. A tag can be read from up to several feet away and does not need to be within direct line-of-sight of the reader to be tracked.

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

Ans: c

Explanation:

- The FASTag is a reloadable tag that allows automatic deduction of toll without having to stop for carrying out the cash transaction. The tag uses radio frequency identification (RFID) technology.

5. 'Hope Mission is launched by?

- (a) India
- (b) UAE



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(c) China

(d) Japan

Ans: b

Explanation:

- The Emirates Mars Mission "Hope Probe" will be the first probe to provide a complete picture of the Martian atmosphere and its layers when it reaches the red planet's orbit in 2021.