



MCQs:

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

1. Hyperspectral remote sensing (HRS) technology involves extracting information from objects due to radiance obtained by spaceborne sensors.
2. HRS collects data in many narrow and contiguous bands.

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

Ans: c

Explanation:

- HRS, also known as imaging spectroscopy, involves extracting information from objects or scenes that lie on Earth's surface due to radiance obtained by airborne or spaceborne sensors.
- While traditional remote sensing captures data in a few discrete spectral bands.
- HRS collects data in many narrow and contiguous bands, allowing for detailed spectral information to be obtained for location in the scene

2. Kharchi Puja is associated with?

- (a) Odisha
(b) Manipur
(c) Uttarakhand
(d) Ladakh

Ans: b

Explanation:

- Kharchi Puja, also called the Festival of 14 Gods, is celebrated in Tripura.
- Kharchi is derived from two Tripuri words—'khar' or kharta meaning sin and 'chi' or si meaning cleaning.



3. UTPRERAK (Unnat Takniki Pradarshan Kendra) has been set up by ?

- (a) Ministry of Science and Technology
- (b) Bureau of Indian Standards
- (c) Ministry of Agriculture
- (d) Bureau of Energy efficiency

Ans: d

Explanation:

- Ministry of Power established UTPRERAK, a Centre of Excellence to Accelerate Adoption of Energy Efficient Technologies in Indian Industry.
- It has been set up by the Bureau of Energy efficiency (BEE).

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

1. Flash flood refers to a flood caused by heavy or excessive rainfall in a short period of time.
2. They can also occur even if no rain has fallen.

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

Ans: c

Explanation:

- Flash flood refers to a flood caused by heavy or excessive rainfall in a short period of time, generally less than 6 hours.
- They can also occur even if no rain has fallen, for instance after a levee or dam has failed.



5. Chennai-Vladivostok maritime route is an upcoming project with support of?

- (a) China
- (b) USA
- (c) Russia
- (d) Japan

Ans: c

Explanation:

- India and Russia are keen to make the Chennai-Vladivostok maritime route operational.
- During the 2019 visit, PM signed a Memorandum of Intent on Development of Maritime Communications between Port of Vladivostok and Port of Chennai
- Route passes through Sea of Japan, South China Sea, and Malacca Strait.