



MCQs:

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

1. In India, the Biodiversity Management committees are key to the realization of the objectives of Nagoya Protocol.
2. The National Biodiversity Authority (NBA) was established in 2003 by the Central Government to implement India's Biological Diversity Act (2002).

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

Ans: c

Explanation:

- The main function of the BMC is to prepare People's Biodiversity Register in consultation with the local people. The Register shall contain comprehensive information on availability and knowledge of local biological resources, their medicinal or any other use.
- The Nagoya Protocol on Access to Genetic Resources and the Fair and Equitable Sharing of Benefits Arising from their Utilization to the Convention on Biological Diversity.

2. Which one of the following countries has its own Satellite Navigation System?

- (a)] Australia
(b) Canada
(c) Japan
(d) Israel

Ans: c

Explanation:

- Japan declared the official start of QZSS services in 2018 with 4 operational satellites, and plans to expand the constellation to 7 satellites by 2023 for autonomous capability.



3. Wolbachia is a?

- (a) Bacteria
- (b) Virus
- (c) Fungus
- (d) plant

Ans: a

Explanation:

- Wolbachia is a genus of intracellular bacteria that infects mainly arthropod species, including a high proportion of insects, and also some nematodes. It is one of the most common parasitic microbes, and is possibly the most common reproductive parasite in the biosphere.

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

1. A biofilter system purify the water and remove or detoxify harmful waste products and uneaten feed.
2. Ammonia is removed from an aquarium system through the use of a biofilter.

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

Ans: c

Explanation:

- A biofilter system purify the water and remove or detoxify harmful waste products and uneaten feed. Biofilters use microorganisms, which are capable of degrading many compounds, fixed to an inorganic/organic medium to break down pollutants present.
- Ammonia is removed from an aquarium system through the use of a biofilter. The biofilter provides a substrate on which nitrifying bacteria grow.



5. Which of the following has land boarder with Ukraine?

- (a) Belarus
- (b) Turkey
- (c) Iran
- (d) Iraq

Ans: a

Explanation:

- Ukraine borders with seven countries: Poland, Slovakia, Hungary, Romania, Moldova, Russia, and Belarus.