

## Daily Current Affairs Questions:

### UPSC (IAS) – Pre 2019

#### **Question 1.**

Consider the following statements with respect to the In-Situ & Ex-Situ bioremediation techniques-

1. In biosparging, air and nutrients are injected at high pressure to increase the biological activity of the indigenous micro organism.
2. The bioventing technique comes within the Ex-Site bioremediation techniques.
3. Biopile is a new technology to protect the land degradation.

Which of the above statement/s is/are correct?

- (a) 1 only
- (b) 1 & 3
- (c) 1 & 2
- (d) 1, 2 & 3

Answer- a

#### **Question 2.**

The term 'Virotherapy' refers to-

- (a) A virus that is used to treat leukemia.
- (b) A medical treatment to kill foreign virus that may cause some disease.
- (c) A medical treatment that converts viruses into therapeutic agents.
- (d) A medical treatment that is used to cure any genetic disorder.

Answer- c

#### **Question 3.**

Consider the following statements with respect to the fuel cell -

1. A fuel cell converts hydrogen & oxygen into electricity, water and heat.
2. It produces electricity through a chemical reaction with combustion.

3. The fuel cell receives the hydrogen & oxygen from outside.

Which of the above statement/s is/are **correct**?

- (a) 1 only
- (b) 1 & 2
- (c) 1 & 3
- (d) 1, 2 & 3

Answer- c

#### Question 4.

Consider the following statements with reference to 'Second-generation biofuel'-

1. Second generation biofuel could significantly expand the volume and variety of sources that could be used for biofuel products.
2. Second generation biofuel cannot be used in an internal combustion.

Which of the above statement/s is/are **correct**-

- (a) 1 only
- (b) 2 only
- (c) both 1 & 2
- (d) none of the above

Answer- a

#### Question 5.

Which of the following pairs is **not** correctly matched ?

- (a) Barak-8 : Short range surface to air missile
- (b) K-15 : An under-water to surface missile
- (c) Prithvi-I : ICBM
- (d) Shaurya : Surface to surface missile

Answer- c