

ENVIRONMENT UPSC PRE 2017

1. From the ecological point of view, which one of the following assumes importance in being a good link between the Eastern Ghats and the Western Ghats?

(a) Sathyamangalam Tiger Reserve ,(b) Nallamala Forest ,(c) Nagarhole National Park ,(d) Seshachalam Biosphere Reserve

ANS – A- The Sathyamangalam forests link the [Eastern Ghats](#) and [Western Ghats](#) allowing [gene flow](#) between diverse fauna populations of the two eco-regions.

2. In the context of solving pollution problems, what is/are the advantage/advantages of .. bioremediation technique?

1. It is a technique for cleaning up pollution by enhancing the same.. biodegradation process that occurs in nature.

2. Any contaminant with heavy metals such as cadmium and lead can be readily and completely treated by bioremediation using microorganisms.

3. Genetic engineering can be used to create microorganisms specifically designed for bioremediation. Select the correct answer using the code given below:

(a) 1 only ,(b) 2 and 3 only ,(c) 1 and 3 only, (d) 1, 2 and 3

ANS – C..

3. In the context of mitigating the impending global warming due to.. anthropogenic emissions of carbon dioxide, which of the following can be the potential sites for carbon sequestration?

1. Abandoned and uneconomic coal seams

2. Depleted oil and gas reservoirs

3. Subterranean deep saline formations

Select the correct answer using the code given below:

(a) 1 and 2 only ,(b) 3 only ,(c) 1 and 3 only ,(d) 1, 2 and 3

ANS – D

4. Biological Oxygen Demand (BOD) is a standard criterion for.

(a) Measuring oxygen levels in blood

(b) Computing oxygen levels in forest ecosystems

(c) Pollution in aquatic ecosystems

(d) Assessing oxygen levels in high altitude regions

ANS – C

5. Which of the following statements best describes the term ‘Scheme for Sustainable Structuring of Stressed Assets (S4A)’, recently seen in the news?

(a) It is a procedure for considering ecological costs of developmental schemes formulated by the Government.

(b) It is a scheme of RBI for reworking the financial structure of big corporate entities facing genuine difficulties.

(c) It is a disinvestment plan of the Government regarding Central Public Sector Undertakings.

(d) It is an important provision in ‘The Insolvency and Bankruptcy Code’ recently implemented by the Government.

ANS – B

6. Consider the following statements:

1. Climate and Clean Air Coalition (CCAC) to Reduce Short Lived Climate Pollutants is a unique initiative of G20 group of countries.

2. The CCAC focuses on methane, black carbon and hydrofluorocarbons.

Which of the statements given above is/are correct?

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

ANS – B

7. Consider the following pairs:

Commonly used ..material vs. Unwanted or controversial chemicals found in them.

1. Lipstick: Lead

2. Soft drinks: Brominated vegetable oils

3. Chinese fast food: Monosodium glutamate

Which of the pairs given above is/are correctly matched?

(a) 1 only ,(b) 2 and 3 only ,(c) 1 and 3 only ,(d) 1, 2 and 3

ANS – D

10. In India, if a species of tortoise is declared protected under Schedule I of the Wildlife (Protection) Act, 1972, what does it imply?

(a) It enjoys the same level of protection as the tiger.

(b) It no longer exists in the wild, a few individuals are under captive protection; and now it is impossible to prevent its extinction.

(c) It is endemic to a particular region of India.

(d) Both (b) and (c) stated above are correct in this context.

ANS - A

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