

Environment

Class Test-3

1. Consider the following statements and select the correct code:
1. Carbon Footprint measures the amount of green house gases produced by individual or by an industrial unit in our day to day lives.
 2. It is measured in terms of tonnes or kg of CO₂ equivalent.
 3. Carbon footprint of a British citizen is maximum in the world.
- Code:
- (a) 1, 2 and 3 (b) 1 and 2
 (c) 1 and 3 (d) 2 and 3.
2. Consider the following statements and select the correct code:
1. Oceans absorb 30% of carbon emissions.
 2. CO₂ absorbed by oceans is utilised by phytoplankton for photosynthesis.
 3. There are limitations to oceans ability to absorb CO₂ because only the top 300m of oceans are in contact with the atmosphere.
- Code:
- (a) 1, 2 and 3 (b) 1 and 2
 (c) 2 and 3 (d) Only 1
3. Consider the following gases:-
1. Nitrous oxide
 2. Methane
 3. Ozone
 4. Carbon dioxide
 5. CFCs
- Which of the above are green house gases?
- Code:
- (a) 1, 2, 3,4 and 5
 (b) 2, 3, 4 and 5
 (c) 1 and 3
 (d) 2 and 3
4. Which one of the following statements is incorrect?
- (a) The temperature of earth in absence of greenhouse gases would be -20°C.
 - (b) Incoming cosmic rays are long wavelength radiation.
 - (c) Infrared radiation is absorbed by greenhouse gases.
- (d) One of the reasons for rise in sea level is thermal expansion of oceans due to global warming.
5. Consider the following statements and select the correct code-
1. India belongs to Non-Annex I category of countries.
 2. Annex I included developed countries on whom the binding obligations of UNFCCC holds.
 3. Annex II countries are members of Annex I also.
- Code:
- (a) 1, 2 and 3 (b) 2 and 3
 (c) 1 and 2 (d) 1 and 3
6. Which one of the following statements is incorrect?
- (a) Cryosphere lies above the permafrost line.
 - (b) Cryosphere is responsible for moderating the temperature of the earth.
 - (c) Depletion of cryosphere can enhance the adverse impact of global warming.
 - (d) Melting of Cryosphere is responsible for absorption of CO₂.
7. Which one of the following statements is incorrectly matched?
- (a) Blue Water-rivers & lakes
 - (b) Green Water-purified through osmosis
 - (c) Grey Water-contaminated water after household use.
 - (d) Paleo Water-Water contained in undisturbed space.
8. Which one of the following statements is incorrect?
- (a) National Parks are open for scientific, educational or recreational use.
 - (b) Harvesting and collection of minor forest products are allowed in wildlife sanctuaries.
 - (c) Biosphere Reserve are meant not only for protection of Biodiversity but also cultural diversity.
 - (d) Core areas of biosphere reserves are managed by environment Protection Act, 1986

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9. Consider the following statements and select the correct code.

1. Organic Farming is a production system which avoids or largely excludes the use of synthetically compounded fertilizers, pesticides, growth regulators, genetically modified organisms and livestock food additives.
2. Paramparagat Krishi Vikas Yojana (PKYY) launched by the union government aims to promote organic farming among small and marginal farmers.
3. Biopesticides are used in organic farming

Code:

- (a) 1, 2 and 3
- (b) Only 1
- (c) 1 and 3
- (d) 2 and 3

10. Which one of the following statements is incorrect?

- (a) Biomethanation is the process by which organic matter is microbiologically converted under anaerobic condition to produce biogas.
- (b) Biogas consist of only methane.
- (c) Plasma gasification used for waste treatment converts organic matter into synthesis gas (syngas) which is made of Hydrogen and Carbon Monoxide.
- (d) Pyrolysis is a thermochemical decomposition of organic material at elevated temperatures in the absence of oxygen.

11. Consider the following statements and select the correct code-

1. National Chambal Sanctuary is situated at the tri-junction of 3 states.
2. The nests of Gharial gets disturbed because of sand mining on the Chambal.
3. Deori Gharial Rearing and Hatching centre is located in Sagar district of Madhya Pradesh.
4. Gharials (Gavialis Gangetiens) according to IUCN is vulnerable species

Code

- (a) 1, 2, 3, 4
- (b) 1, 2, 3
- (c) 1, 2
- (d) 2, 3, 4

12. Consider the following statements and select the correct code-

1. The IUCN recently reclassified the snow leopard (Panthera uncia) as "Vulnerable" from its previous classification of "endangered".
2. Snow leopard are found from Central Asia to the Himalayas.

Code:

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