

CCSD-02
Term End Examination - December 2018
Course Title : Climate Change: Challenges and Choices.
Group – 'A'
Answer ALL questions from Group-A

Q.No.1: Write the correct answer from the given choices.
=10

Mark : 1×10

- (i). Highest biodiversity can be found in;
a) Equatorial Forest
b) Boreal Forest
c) Mangrove Forest
d) Tundra Forest
- (ii) Bharatpur sanctuary is known for the conservation of ;
(a) Tiger
(b) Elephant
(c) Bird
(d) Rhino
- (iii) Chemical Oxygen Demand is a measure of ;
(a) Air Pollution
(b) Water Pollution
(c) Land Pollution
(d) Sound Pollution
- (iv) Name the green house gas which is released from the flooded paddy fields?
(a) Sulphur dioxide
(b) Methane
(c) Ammonia
(d) Nitrous Oxide
- (v) Hydel energy is a part of the;
(a) Exhaustible resource
(b) Inexhaustible resources
(c) Non-renewable resources
(d) Renewable Resource
- (vi) IPCC stands for which of the following?
a. International Panel for Climate Change
b. Intercontinental Panel for Climate Change
c. Inter Governmental Panel for Climate Change
d. International Programme for Climate Change
- (vii) Which of the following is NOT expected to be a future impact of climate change?
a. Sea level rise will flood coastal wetlands
b. Agriculture may have mixed results
c. Ecosystems will be altered
d. Shifting cultivation areas will increase
- (viii) Name the forests in which teak is the most dominant species.

- (a) Tropical evergreen forests
 - (b) Sub-tropical thorn forests and scrubs
 - (c) Sub-tropical deciduous forests
 - (d) Mangrove forest
- (ix) Development without destruction for the future is referred to as;
- (a) Social development
 - (b) Economical development
 - (c) Sustainable development
 - (d) Ecological development
- (x) Part of the coast that remains exposed between the high tide and low tide zone is called as;
- (a) Littoral Zone
 - (b) Offshore zone
 - (c) Shore Zone
 - (d) Backshore zone

Group – B

2. Write short notes on any Four of the following (Each answer with in 50 words) 4x5=20

- (i) Wet Land
- (ii) Ground Water Contamination
- (iii) IUCN
- (iv) In-situ Conservation
- (v) Extinct Species
- (vi) Biodiversity

Group - C

3. Answer any Four of the following (Each answer with in 200 words) 4x10=40

- (i) Describe the impact of climate change on coastal areas.
- (ii) Explain the impact of climate change on Biodiversity?
- (iii) What is the significance of Integrated Coastal Zone Management.
- (iv) Discuss the role of climate change on crop diversity.
- (v) How anthropogenic interferences affect the river ecosystem.
- (vi) Discuss the inter relationship between climate change and global warming.

Group - D

3. Answer any TWO of the following (Each answer with in 250 words) 2x15=30

- (i) Describe the different methods of conservation of forest.
- (ii) Explain how the impact of climate change can be reduced through carbon sequestration and carbon trading.
- (iii) Discuss the impact of climate change on coastal lagoons.
- (iv) Discuss the role of climate change on the future food security.

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