

Total No. of printed pages = 3

BBA 181205

Roll No. of candidate

3181205

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2022

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Anna Park, Kankarbagicha
Gurgaon - 781017

B.B.A. 2nd Semester End-Term Examination

ENVIRONMENTAL STUDIES

(New Regulation)

Full Marks – 70

Time – Three hours

The figures in the margin indicate full marks
for the questions.

Answer question No. 1 and any *four* from the rest.

1. Choose the correct answer : (10 × 1 = 10)
- (i) Which of these layers of atmosphere consists of the ozone layer that is responsible for absorbing the Ultra-Violet (UV) light?
- (a) Troposphere (b) Mesosphere
(c) Stratosphere (d) None of the above
- (ii) An extensive number of food chains interlinked in an ecosystem forms a _____ together.
- (a) Food chain (b) Food web
(c) Carbon cycle (d) Nitrogen cycle
- (iii) Which of these does NOT constitute to be a reason for the loss of forests?
- (a) Extinction of species
(b) Increasing use of wood
(c) Building dams and mining
(d) Extensive usage of fuel woods
- (iv) Which of these are also known as detritivores?
- (a) Decomposers (b) Carnivores
(c) Herbivores (d) None of the above

[Turn over

- (v) Which of the following factors leads to Eutrophication?
- (a) Excessive use of fertilizers
 - (b) Increase of plant nutrients
 - (c) Both (a) and (b)
 - (d) None of the above
- (vi) Which of the following units is used to measure the intensity of noise?
- (a) Hertz
 - (b) Decibel
 - (c) Watts
 - (d) None of the above
- (vii) What is the estimated percentage of forest land that India should ideally have?
- (a) 15%
 - (b) 50%
 - (c) 44%
 - (d) 33%
- (viii) Which of the following activity can lower the water table?
- (a) Growth of human population
 - (b) Soil erosion
 - (c) Over extraction of groundwater
 - (d) Over grazing
- (ix) The air pollutants are mainly classified as _____.
- (a) Point source and non-point source
 - (b) Primary and secondary pollutants
 - (c) Natural or anthropogenic pollutants
 - (d) None of the above
- (x) The balance in oxygen level is maintained by _____.
- (a) Photosynthesis and cellular respiration
 - (b) Industrial emissions of gases
 - (c) Release of ozone in upper atmosphere
 - (d) None of the above

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2. (a) Define environment. Discuss the basic characteristics of different divisions/components of the environment. (3+7=10)
- (b) Briefly discuss the multidisciplinary nature of Environmental Studies. (5)

3. (a) What are producers, consumers and decomposers? (5)
(b) Discuss the characteristics of a pond ecosystem with a suitable diagram. (10)
4. (a) Discuss the major environmental impacts of mineral extraction. (5)
(b) What is over grazing? How does it contribute to environmental degradation? (3+7)
5. (a) What do you mean by biodiversity? (5)
(b) Discuss the major threats to biodiversity. (5)
(c) Elaborate the measures that can be adopted to protect biodiversity. (5)
6. Discuss the major causes of water pollution. Also elaborate the effects of water pollution and the control measures that can be adopted to check water pollution. (5+5+5=15)
7. Write notes on (any three): (3 × 5 = 15)
- (a) Scope and importance of Environmental Studies.
(b) Food chain, food web and ecological pyramid.
(c) Deforestation and its consequences.
(d) Renewable and non-renewable resources.
(e) Alternative energy resources.

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