

ECOLOGY AND ENVIRONMENT AWARENESS BASED GENERAL SCIENCE MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

For All Competitive SSC, Bank, IBPS, UPSC, Railway, IT & Other Govt. Exams

Created By [Careericons](#) Team

Q1. The age of pyramid with broad base indicates

- a) low percentage of young individuals
 - b) high percentage of old individuals
 - c) high percentage of young individuals
 - d) low percentage of old individuals
-

Q2. Habitat loss and fragmentation, over exploitation, alien species invasion and co-extinction are causes for

- a) Migration
 - b) Biodiversity loss
 - c) Population explosion
 - d) Pollution
-

Q3. Green house gases include

- a) CO_2 , O_2 , N_2 , NO_2 and NH_3
 - b) CH_4 , N_2 , CO_2 and NH_3
 - c) CO_2 , CFC, CH_4 and NO_2
 - d) CFC, CO_2 , NH_3 and N_2
-

Q4. Which is not a part of atmosphere ?

- a) Temperature
- b) Edaphic factor

- c) Light
- d) Precipitation

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Q5. The animals which occupy the same trophic level are

- a) Deer & Bees
- b) Snakes & Earthworm
- c) Lion & Bees
- d) Crow & Cow

Q6. Acid rain is caused due to increase in concentration of (in atmosphere)

- a) CO and CO₂
- b) CO and SO₃
- c) SO₂ and NO₂
- d) O₃ and dust

Q7. Which one of the following is not a gaseous biogeochemical cycle in ecosystem ?

- a) Phosphorus cycle
- b) Nitrogen cycle
- c) Sulphur cycle
- d) Carbon cycle

Q8. Human population growth _____.

- a) is currently in a logistic phase

- b) is currently exponential
 - c) has an S-shaped curve
 - d) has reached carrying capacity
-

Q9. Which National park is the new home of the Indian onehorned rhinoceros ?

- a) Jim Corbett
 - b) Kanha
 - c) Dudhwa
 - d) Bandhavgarh
-

Q10. Which constituent of the atmosphere is likely to change if the forest cover is removed ?

- a) CO₂ level is increased
 - b) O₂ level is significantly increases
 - c) O₂ level is increased
 - d) CO₂ level is significantly decreased
-

Q11. Which one is nature's cleaner ?

- a) Producers
 - b) Decomposers and scavengers
 - c) Consumers
 - d) Symbionts
-

Q12. More than 70% of world's freshwater is contained in

- a) glaciers and mountains
- b) antarctica
- c) polar ice
- d) greenland

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Q13. Which most often limits the primary productivity of the ecosystem ?

- a) Oxygen
- b) Consumers
- c) Solar radiation/light
- d) Nitrogen

Q14. 10% law of flow of energy in ecosystem was proposed by

- a) Carl Mobius
- b) Tansley
- c) Lindeman
- d) Darwin

Q15. 'Project Tiger' in India was started in

- a) 1972
- b) 1981
- c) 1970
- d) 1985

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Answers to the above questions :

Q1. Answer: (c)

Q2. Answer: (b)

Q3. Answer: (c)

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Q4. Answer: (b)

Because edaphic factors affects through soil and rest are the climatic factors.

Q5. Answer: (d)

Q6. Answer: (c)

The main precursors of acid rain are SO_2 and NO_2 in the atmosphere which form H_2SO_4 (Sulphuric acid) and HNO_3 (nitric acid) with H_2O and these come down with rain.

Such rains are called acid rains.

Q7. Answer: (a)

Phosphorus is mostly used as phosphate. Its reservoir pool is phosphate rocks while cycling pool is soil for terrestrial ecosystems and water for aquatic ecosystems.

Q8. Answer: (b)

The exponential growth model virtually describes the population explosion of humans.

Q9. Answer: (c)

Q10. Answer: (a)

Q11. Answer: (b)

Q12. Answer: (c)

Three fourth the surface of the earth is covered by oceans which contain 97.5% of total water.

It is marine water with about 3.5% salt content only 2.5% is fresh water which occurs on land.

Most of this water (1.97%) occurs from frozen ice caps and glaciers, and 0.5% of fresh water occurs as groundwater.

Rivers and lakes contain 0.02%, soil 0.01% while the atmosphere possesses 0.001% of water as vapours.

Q13. Answer: (c)

Q14. Answer: (c)

Lindeman proposed the 10% law of flow of energy in ecosystem. According to this law only 10% energy passed from one trophic level to other in a food chain.

Q15. Answer: (a)

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