



BIOLOGY

NCERT - NCERT Biology(Telugu)

BIOGEOCHEMICAL CYCLE

Medicine Orientated Material

1. The nitrifying bacteria are –

A. Autotrophs

B. Heterotrophs

C. Chemoautotrophs

D. Chemoheterotrophs

Answer:



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2. The process of conversion of nitrogen into nitrites and nitrates is called –

A. Combustion

B. Nitrogen assimilation

C. Nitrogen fixation

D. Nitrogen usage

Answer:



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3. Carbon cycle occurs through –

A. Atmosphere, ocean and living and dead organisms

B. Living and dead organisms

C. Atmosphere and living and dead organisms

D. Atmosphere and dead organisms

Answer:



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4. The cycling of nutrients in an ecosystem is called –

A. Geological cycle

B. Geochemical cycle

C. Bio geochemical cycle

D. Chemical cycle

Answer:



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5. Small gaseous component in biogeochemical cycles, atmosphere has a negligible phase?

A. Phosphorous

B. Nitrogen

C. Carbon

D. Sulphur

Answer:



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6. In which of the following biogeochemical cycle atmosphere has a negligible phase?

A. Nitrogen

B. Sulphur

C. Water

D. Phosphorous

Answer:



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7. Nitrates are converted to nitrogen by a process of –

A. A. Denitrification

B. B. Nitrification

C. C. Ammonification

D. D. Nitrate formation

Answer:



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8. Ammonia is converted to nitrite by a bacteria called –

A. a. Thiobacillus

B. b. Nitrobacter

C. c. Nitrosomaonas

D. d. Pseudomonas

Answer:



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9. Decomposition of organic nitrogen in dead plants and animals into ammonia is called –

A. A. Denitrification

B. B. Nitrification

C. C. Ammonification

D. D. Combustion

Answer:



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10. The presence of nitrogen in the atmosphere is maintained due to –

A. A. Nitrogen cycle

B. B. Decomposers

C. C. Ammonia

D. D. Oxygen

Answer:



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11. Plants lose water and contribute to water cycle by –

A. a. Combustion

B. b. Photosynthesis

C. c. Transpiration

D. d. Evaporation

Answer:



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12. The cycle of evaporation and condensation of water is called -

A. A. Carbon cycle

B. B. Hydrological cycle

C. C. Nitrogen cycle

D. D. Sulphur cycle

Answer:



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13. Ozone is the molecule containing –

A. A. 3 atoms of oxygen

B. B. 2 atoms of oxygen

C. C. 4 atoms of oxygen

D. D. 1 atom of oxygen

Answer:



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