

Biodiversity recall questions

1. What does biodiversity mean? **The variety of all the different species of organisms in an ecosystem**
2. Say two reasons the amount of waste produced is increasing. **Increase in human population, increase in standard of living.**
3. Say two ways **each** pollution can occur in water, in air and on land. **Water – sewage, fertiliser or toxic chemicals. Air – from smoke and acidic gasses. Land – from landfill and toxic chemicals**
4. Write down four human activities that reduce the amount of land available for other animals and plants. **Building, quarrying, arming and dumping waste.**
5. What are two ways peat habitats are being reduced? **Drained for farmland, producing garden compost**
6. What are two ways large scale deforestation has occurred in tropical areas? **Provide land for cattle and rice fields, grow crops for biofuels**
7. What two atmospheric gases are rising leading to an increase global warming?
8. Say three possible consequences of global warming.

Biodiversity recall questions

1. What two atmospheric gases are rising leading to an increase global warming? **Carbon dioxide and methane**
2. Say three possible consequences of global warming. **Melting ice caps causes a rise in sea levels resulting in flooding, distribution of plant and animal species will change due to change in rainfall and temperature, changes in migration patterns**
3. Say five ways that humans are trying to reduce the negative effects they have on the environment. **Breeding programs for endangered species, protection and regeneration of rare habitats, reintroduction of field margins and hedgerows in agricultural areas, reduction of deforestation and carbon dioxide emissions by governments, recycling resources rather than dumping waste.**

Biodiversity application questions

1. Explain why biodiversity is important in terms of food, shelter and maintenance of the physical environment.
2. Describe the effect of pollution on biodiversity.
3. What effect does peat decay have on CO₂ levels?
4. Evaluate the benefits and problems of breeding programmes for rare species.
5. Evaluate the benefits and problems of recycling.