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**Environmental Science and Engineering**

**Important 13mark Questions**

**Unit I**

1. Discuss uniqueness of different ecosystems: Forest ecosystem, grassland ecosystem, desert ecosystem and aquatic ecosystem.
2. Which are the biodiversity hotspots in India? What are the threats they face?

**Unit II**

1. Discuss the various sources, effects and control measures of soil and marine pollution.
2. Discuss physical, chemical and biological parameters to ensure drinking water quality.

**Unit III**

1. Explain the energy conservation process with suitable examples.
2. Discuss in detail about solar form of renewable energy sources.

**Unit IV**

1. Discuss the 12 principles of Green Chemistry.
2. Explain Wildlife Protection Act and Forest Conservation Act in detail.

**Unit V**

1. Discuss the linkages among population explosion, development and environment.
2. Elucidate the role of GIS and remote sensing in environment and health.