

Please check whether you have got the right question paper.

- N.B:**
1. Answer any four questions out of six questions.
 2. Figures to the right indicate full marks.
 3. Assume suitable data, if required, and mention the same clearly.

- Q.1** a) Explain energy security and its importance. **05**
b) Briefly describe energy strategy for future. **05**
c) Describe industrial energy policy and energy vision for India. **10**
- Q.2** a) What are fossil fuels? Describe energy resources and consumption of major fossil fuels. **10**
b) Describe the role of International Energy Agency in detail. **10**
- Q.3** a) Describe the International energy policy of the OPEC countries. **10**
b) Describe in detail hazardous waste management in power plants. **10**
- Q.4** a) Describe the present status and future of nuclear and renewable energy. **10**
b) Describe environmental impact assessment and methodologies used for environmental pollution prevention. **10**
- Q.5** a) Elaborate energy consumption using data and explain its impact on environmental climatic change. **10**
b) Describe Electricity Act-2003 and its main features. **10**
- Q.6** a) Describe the global energy scenario for nuclear power and hydroelectricity. **10**
b) Describe the various natural cycles in environment and ecology. **10**
