

5409

2008 – 2009
M.Sc. (III SEMESTER) EXAMINATION
APPLIED GEOLOGY
ENVIRONMENTAL GEOLOGY – I
GLM - 9005
Maximum Marks: 35
Duration: Two Hours

Answer all the questions.

1. Discuss the anthropogenic impacts on the atmosphere and briefly discuss the recent atmospheric trends. (9)
- OR
- Write explanatory notes on the following:
- (a) Ozone layer and its importance.
(b) Spectrum of environmental geology.
2. Write short notes on the following: (9)
- (a) Coriolis effect
(b) Heat budget of ocean
(c) Advective and convective processes.
3. Briefly discuss the structure and evolution of atmosphere. Add a note on ocean ecosystem. (8)
- OR
- 3'. Write detailed notes on the following:
- (a) Ocean currents and their circulation.
(b) Global warming due volcanic eruptions.
4. Write explanatory notes on any two of the following: (9)
- (a) Green house effect
(b) Causes of glaciation
(c) Cenozoic climate extremes.
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