

2009-2010
M.Sc. (III SEMESTER) EXAMINATION
(APPLIED GEOLOGY)
ENVIRONMENTAL GEOLOGY - I
(GLM-9005)

Maximum Marks: 35

Duration: Two Hours

Answer all the questions.

1. Give an account of the various human interventions that degrade the earth's atmosphere. 09

OR

- 1'. Write an essay on smog and tropospheric ozone.

2. Write short notes on the following: 09
 - (a) Thermal inversion ✓
 - (b) Impact of oceanic circulation on climate.
 - (c) Coriolis effect ✓

3. Describe ocean currents and general pattern of its circulation. ✓ 09

OR

- 3'. Define global warming. Also discuss natural and anthropogenic causes of global warming.

4. Write brief notes on any two of the following: 08
 - (a) Carbon cycle
 - (b) Cenozoic climate
 - (c) CO₂ and green house effect