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**POST GRADUATE DIPLOMA IN URBAN  
GOVERNAMENT**

**Term-End Examination**

**December, 2012**

**MPA-026 : GLOBAL WARMING AND CLIMATE  
CHANGE**

*Time : 2 hours*

*Maximum Marks : 50*

*Note : Answer any five questions in about 400 words each, selecting at least two questions out of each section. All questions carry equal marks.*

**SECTION - I**

1. Explain the concept of global warming in the light of its various definitions. **10**
2. Examine the impacts of global warming. **10**
3. Describe the natural disasters caused by climate change. **10**
4. Explain the concept of hydrological cycle and its processes. **10**
5. Write a note on the effects of oceanic changes. **10**

## SECTION-II

6. Examine the relationship between global warming and sea-level change. 10
  7. 'Climate change can precipitate flooding and high temperatures and heat waves in urban areas. Comment. 10
  8. Describe the symptoms of climate change. 10
  9. Highlight the meaning, significance and uses of projections. 10
  10. Write short notes on **250** words on each of the following factors responsible for climate change in the past.
    - (a) Variations in Earth's orbital character. 5
    - (b) Volcanic emptions. 5
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