

**POST GRADUATE DIPLOMA IN URBAN
GOVERNANCE (PGDUG)**

Term-End Examination

December, 2015

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

Time : 2 hours

Maximum Marks : 50

*Note : Attempt 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. Discuss the concept of global warming and its relationship with global dimming. 10
2. Explain any two impacts of global warming. 10
3. What is the meaning of projection ? Also highlight its significance and use. 10
4. Write a note on natural disasters caused by climate change. 10
5. How does shifting gears of hydrologic cycle bring about climatic change ? 10

SECTION II

6. Briefly discuss the changes caused by global warming in the Earth's atmosphere. 10
 7. Examine the effects of global warming on the sea level. 10
 8. "Flooding, storms and sea level rise are climate change impacts on urban areas' climate." Elucidate. 10
 9. Describe the symptoms of climate change. 10
 10. Write short notes in about 200 words on each of the following :
 - (a) Global warming potential 5
 - (b) Climate change owing to variations in the Earth's orbital characteristics 5
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