

**End Semester Examinations - 2015-16 Even Semester - May 2016**

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**14CE2042 Global Climate Change and its Impact**

**Set B**

**Time : 3 hrs**  
**Total Marks: 100**

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1. 1. Illustrate the relation between greenhouse effect with climate change. (10)  
2. Demonstrate the role of La-Nina in climate change. (10)

**OR**

2. 1. Differentiate El-Nino with La-Nina. (8)  
2. Demonstrate about earth natural greenhouse effect. (12)

3. Elaborate in detail about climate change evidences and causes.

**OR**

4. 1. How does climate change affect the strength and frequency of floods, droughts, hurricanes, and tornadoes? (10)  
2. Explain the role of IPCC in climate change study. (10)

5. Discuss the role of coastal zone management with respect to climate change and sea level rise.

**OR**

6. Discuss in detail about global carbon cycle with neat sketch.

7. Explain climate and climate system with neat sketch.

**OR**

8. 1. Explain the past and present effects of ODSs and their substitutes on the Earth's climate and the ozone layer? (10)  
2. Explain the phase-out of ODSs affect efforts to address climate change and ozone depletion. (10)

9. Explain Carbon capturing and storage.
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**Wishing you All the Best**

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