

**M.A. Semester-I Examination, 2014**

**Geography**

**Paper - II**

**(Climatology)**

**Time: 3 Hours**

**Full Marks: 40**

*Questions are of value as indicated in the margin.*  
Answer **three** questions, selecting **one** from each Unit.

**Unit - I**

**(Definition and Atmospheric Circulation)**

1. Define the terms Meteorology and Climatology. Explain the relation of climatology with other branches of geography. Discuss the synoptic method of weather forecasting.  
3+6+5=14
2. What are the major characteristics of the layers of trade wind? Discuss the phases of ELNINO development over Pacific Ocean.  
7+7=14

**Unit - II**

**(Atmospheric Moisture)**

3. Explain the origin of Western Disturbances. Discuss its influence on the weather characteristics of the affected areas.  
8+5=13
4. Critically examine the theories explaining the origin of the Indian monsoon. Comment on its changing trends.  
10+3=13

**Unit - III**

**(Climatic Change and Applied Climatology)**

5. Explain the major causes of climatic modifications. Assess the impact of such change on health status of the society.  
7+6=13
  6. Difference Bioclimatic regions from Agroclimatic regions. Discuss the weather characteristics of agroclimatic region of India.  
4+9=13
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