

**M.Phil 1st Semester Examination, 2019**

**EARTH SYSTEM SCIENCE**

*( Concept and Techniques in  
Social Science )*

**PAPER —ESS-114**

*Full Marks : 50*

*Time : 2 hours*

**Answer any four questions**

*The figures in the right-hand margin indicate marks*

*Candidates are required to give their answers in their  
own words as far as practicable*

*Illustrate the answers wherever necessary*

1. Examine the necessity for designing research in social science through structuralism. 10

2. Discuss the functions of urban wetland in urban management with special reference to East Kolkata wetland. 10
3. Point out the social indicators of development for identifying status of health of a region. 10
4. Write a brief note on influence of gender disparity on regional development citing examples from India. 10
5. Explain the terms : Hazard, Risk and Vulnerability. What kind of mitigational strategies can be adopted for controlling landslide problem in eastern part of the Himalaya. 5 + 5
6. What do you mean by social hazards ? Illustrate various facets of crime against women in India. 10
7. Discuss about the importance of sustainable development of cities with special reference to smart city initiative by Govt. of India. 10

8. Discuss about the environmental concerns of rapid growth of coastal tourism. 10
  9. Assignment Writing (to be submitted by the candidates before examination) : 10
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