



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Mid-Autumn Semester 2018-19

Date of Examination : _____ Session (FN/AN) _____ Duration 2 hrs Full Marks 30
Subject No.: HS20016 Subject: ENVIRONMENTAL HUMANITIES
Department/Center/School Humanities & Social Sciences
Specific charts, graph paper, log book etc., required NA
Special Instructions (if any) : Nil

Please answer both the sections (Section A and Section B) and follow the instructions in each part (Part I and Part II).

Section A

Part I – Answer any two of the following (5x2=10)

1. Shed light on any two planetary boundary mentioning both existing and safe limits. Discuss the methodology through which the Stockholm Resilience Centre had derived at these scientific findings.
2. Bring out the five theses of political ecology formulated by Paul Robbins? How can you apply these within the context of water?
3. Write a note on water history focusing on theories of 'pre-colonial equilibrium' versus 'colonial hydrology'.

Part II – Write short notes on any one of the following (5x1=5)

1. Nine planetary boundaries framework
2. 'Hydrosocial'

Section B

Part I – Answer any two of the following (5x2=10)

1. Discuss how looking beyond the societal awareness of environmental problems led to the emergence of the environmental sociology as a field of enquiry.
2. Reflect on any one classical sociological theorist and his contribution in understanding the environmental issues.
- Q3. Human consequences have led to the shortage of natural resources in daily life of most of the Indians. Explain how these shortages led to environmental conflict between competing groups of resource users describing any one environmental struggle.

Part II – Write short notes on any one of the following (5x1=5)

1. Ecosystem people
2. Debates surrounding biodiversity

