

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI  
(END SEMESTER EXAMINATION)

CLASS: MTech/Phd  
BRANCH:ESE/RS

SEMESTER : II/I  
SESSION : SP/22

TIME: SUBJECT: CE563 Climate Change and Adaptation

FULL MARKS: 50

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- Q.1(a) Enumerate the process of cloud formation [5]  
Q.1(b) Illustrate the Koppens Climatic classification [5]
- Q.2(a) Elaborate the indicators of climate change [5]  
Q.2(b) Explain the concept of Greenhouse effect using a suitable diagram [5]
- Q.3(a) Analyze the concept of climatic vulnerability in Agricultural sector. [5]  
Q.3(b) How will Heat stress affect the semi-arid regions of India? [5]
- Q.4(a) What are the adaptive strategies and approaches to manage forest ecosystems [5]  
Q.4(b) Compare Positive Adaptive coping and Maladaptive coping strategies [5]
- Q.5(a) What are the outcomes of COP21 meetings? [5]  
Q.5(b) What are the targets set under Montreal Protocol [5]

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