

Term End Examination - December, 2017
Programme Title: Certificate in Climate Change and Sustainable Development (CCSD)
Academic Session : 2017-18
Course Title : Introduction to Climate Change and Sustainable Development-Principles and Approaches
(Course Code CCSD-1)

Time - 3 hours

Full Mark -100

Answer any **FOUR** question from Group-,,A', any **TWO** questions from Group - ,,B'
and any **THREE** questions from Group - 'C'.

Group - 'A'

(Answer any **FOUR** questions each within **100** words)

Q.No.1: Write short notes on ;

Mark: 5x4=20

- a) Troposphere
- b) Ultra violet radiation
- c) Insolation
- d) Advection
- e) Land and Sea Breez
- f) Humidity
- g) Tornado

Group - 'B'

(Answer any **TWO** questions each within **250** words)

Q.No.2 Explain the following ;

Mark: 10x2=20

- a) Inversion of temperature
- b) Milankovich Cycle
- c) Planetary Winds
- d) Composition of the atmosphere

P . T . O

Group - 'C'

(Answer any **THREE** questions each within **500** words)

Q.No.3

Mark: 20x3=60

- a) Give a brief account of the man made causes of climate change
- b) Briefly describe the Green House effect..
- c) Discuss the distribution and causes of formation of the pressure belts of the world.
- d) "Climate change has been a major cause for adopting sustainable development practices".
Discuss with suitable examples
- e) Discuss the steps of growth and associated weather phenomena of a tropical cyclone.
- f) Briefly explain the structure of the atmosphere
- g) Define sustainable development, discuss its scope and current trends .

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