



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

SCHOOL OF CIVIL ENGINEERING

Continuous Assessment Test - I, January 2023

B. Tech. (Civil Engineering), Winter Semester 2022–23

Class Nbr. : VL2022230502739, VL2022230501216, VL2022230502500

Course Code : BCLE214L

Duration : 90 Minutes

Course Name : GLOBAL WARMING

Max. Marks : 50

Faculty-In-Charge (s): Dr. S.Thirumalini,

Slot : B2

Dr. M.S.Kavitha

Dr. N.Vaani

ANSWER ALL QUESTIONS

Section – A (5 X 10 = 50 Marks)

1. How will you relate and disintegrate the global warming and natural disasters?
2. Explain briefly about the Vienna Convention 1983 and Montreal Protocol.
3. Write in detail about the role of the hydrological cycle in global warming considering all the components and processes of the hydrological cycle.
4. Elaborate on the role of different layers, characteristics and chemical composition of the atmosphere.
5. Discuss the air parcel theory and explain how the stability and instability of the atmosphere is established under various conditions.