



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

SCHOOL OF CIVIL ENGINEERING
Continuous Assessment Test - II, March 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, Dr. M. S.Kavitha Dr. N.Vaani	Slot : B2+TB2

ANSWER ALL QUESTIONS

Section – A (5 X 10 = 50 Marks)

1. Comparing the air quality levels in Delhi and Beijing in last 50 years, discuss in detail how the two countries have taken actions to combat air pollution. Register your inference upon who could possibly attain success and how they made it possible?
2. Having understood the importance of carbon audit, you are in a position to prepare a checklist for conducting carbon audit in your functional premises (may it be your workplace / your residential apartment or any).
Prepare the checklist for auditing and its follow up action plans which provide simple, straightforward, feasible and economical solutions.
3. Will the actions we take today be enough to forestall the direct impacts of climate change?
Or Are they too little and too late?
4. What is your opinion about global climate change and sea level rise?
 - a) Which is most affected Arctic or Antarctica???
 - b) Is the ice on land or on water is responsible???
 - c) Will one or both cause sea level to rise when they melt?
5. Explain the systems that need to be integrated in order to model the climate system. Explicate the sources of bias in climate model and the process of hindcasting.