Seat No.: \_\_\_\_\_

Enrolment No.\_\_\_\_\_

Subj	<ul> <li>(2) Wind Rose Diagram</li> <li>(b) What is global warming? What are the causes of global warming? Discuss its OR</li> </ul>		
115t1 u	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary.	
Q.1		ermony an pointrains into anterent caregoines marcaning men courses.	
•			
Q.2	(a)	Zaphan die 1016 ang terms with then Significances (1) Zheen te state height	0
	<b>(b</b> )	what is grobal warming. What are the causes of grobal warming. Discuss its	0
	(b)	Effects of air pollutants on human being.	(
Q.3	<b>(a</b> )	Calculate effective stack height of a stack for following data: Physical height of stack = $120 \text{ m}$	(
		Inside diameter of stack = $0.90 \text{ m}$	
		Wind velocity = $3.60 \text{ m/s}$	
		Air temperature = $20^{0}$ C	
		Barometric pressure = $1000$ milibars	
		Stack gas velocity = $10 \text{ m/s}$	
		Stack gas temperature = $150^{\circ}$ C	
	<b>(b</b> )		(
		pollutants in the atmosphere. Explain any two of them in detail. OR	
Q.3	<b>(a</b> )	Ozone depletion	
	<b>(b</b> )	Effects of air pollutants on plants	(
Q.4	<b>(a</b> )	Discuss High Volume Sampler and its use	
· · ·	(b)	•	(
0.4		OR Short note on Crewitational actiling chember	
Q.4	(a) (b)		
Q.5	<b>(a</b> )	Give details about methods of analysis of SO2	(
	<b>(b</b> )	0 1	(
Q.5	<b>(a</b> )	OR Write short note on "Legislation for control of air pollution and automobile pollution	