Total No	o. of Questions : 10] SEAT No. :
P3251	[Total No. of Pages : 2
	[5670]-519
	B.E. (Civil)
	AIR POLLUTION AND CONTROL
	(2015 Course) (Semester - II) (Elective - III) (401009D)
Time: 2	½ Hours] [Max. Marks : 70
Instructi	ions to the candidates:
1)	Solve Q.1 or Q.2,Q.3 or Q.4,Q.5 or Q.6,Q.7 or Q.8,Q.9 or Q.10.
2)	Neat diagrams must be drawn wherever necessary.
3)	Figures to the right indicate full marks.
4)	Use of logarithmic tables, slide rule, Mollier charts, electronic pocket calculator and steam tables are allowed.
5)	Assume suitable data, if necessary.
Q1) a)	What are the zones of atmosphere? Explain Chemosphere. [6]
b)	Explain stable and unstable atmosphere. [4]
,	OR
Q2) a)	Explain Coning plume behaviour with the help of neat sketch. [6]
b)	Explain with a neat sketch location of sampling ports and traverse points. [4]
Q3) a)	Draw schematically a sampling train for stack sampling indicating the equipment required. [6]

Explain effects of indoor air pollutants with sources. [4] b)

OR

Write a short note on High volume sampler with sketch. **Q4)** a) [6]

Explain method of measurement of odour. [4] b)

What are the advantages and disadvantages of Bag filter? Draw a neat **Q5)** a) sketch of bag filter. [8]

What are the types of scrubbers? Explain the Venturi Scrubber with a b) neat sketch [8]

OR

