

VPM'S ADVANCE STUDY CENTRE, THANE
DIPLOMA IN ADVANCE ANALYTICAL CHEMISTRY
B. N. BANDODKAR COLLEGE OF SCIENCE, THANE

2015-2016

(10 Marks)

1) Which is the correct definition of "Air Pollution".

Air pollution can be defined as "limited to situations in which the outer ambient atmosphere contains materials in concentration which are harmful to man his environments.

Or

The imbalance in quality of air so as to cause adverse effects on the living organisms existing on earth.

a) First is correct b) Both are correct c) both are wrong d) second is correct

2) The % of N_2 in air is

a) 50 % b) 78.09 % c) 80.09 % d) 75.09 %

3) The % of CO coming from Automobile exhausts is around

a) 60 % b) 75 % c) 77 % d) 20 %

4) The % of O_2 in air is

a) 50 % b) 25 % c) 19 % d) All are wrong

5) CO gas makes a stable co-ordinated complex with Haemoglobin called as _____

6) CO_2 molecule absorbs heat energy and tend to prevent the long wave infra-red radiation from earth from escaping into spaces and deflects back to earth. This is called as

a) Atmospheric effect b) Global Warming c) B is correct d) a and b is correct

7) The toxic gas released in Bhopal gas tragedy was _____.

8) Acid Rain is a mixture of

a) HNO_3 and H_2SO_4 b) H_2SO_4 and HCl c) HCl and HNO_3 d) All are wrong

9) The normal blood pH is tightly regulated between .

a) 7.35 and 7.45 b) 7-8 c) 7-7.5 d) 6.9-7.2

10) Continuous exposure to NO_x can lead to death?

a) False b) Yes c) Wrong d) May be