

Question 7

(a) Fill in the blanks:

- i. Nitric oxide is _____ toxic.
 - ii. The gaseous material which envelopes the Earth is called _____.
 - iii. The lowest region of the atmosphere is called _____.
 - iv. The stratosphere mainly contains _____, _____ and ozone.
 - v. Rain water containing H_2SO_4 and HNO_3 is called _____.
- [5]

(b) 1 atmosphere = _____ cm. Hg = _____ mm Hg. [2]

(c) At constant temperature, a gas occupies a volume of 2000 cm^3 at a pressure of 740 mm of mercury. At what pressure will its volume be 500 cm^3 ? [3]