Question 3

42. **Match the following gas laws with the equation representing them.**

(i) Boyle's law	(a) $V \propto n$ at constant T and p
(ii) Charle's law	(b) $pTotal = p1 + p2 + p3+......$ at constant T, V
(iii) Dalton's law	(c) $PV/T = Constant$
(iv) Avogadro law	(d) $V \propto T$ at constant n and p
	(e) $p V \propto 1$ at constant n and T

Solution:

(i) is c

(ii) is d

(iii) is b

(iv) is a