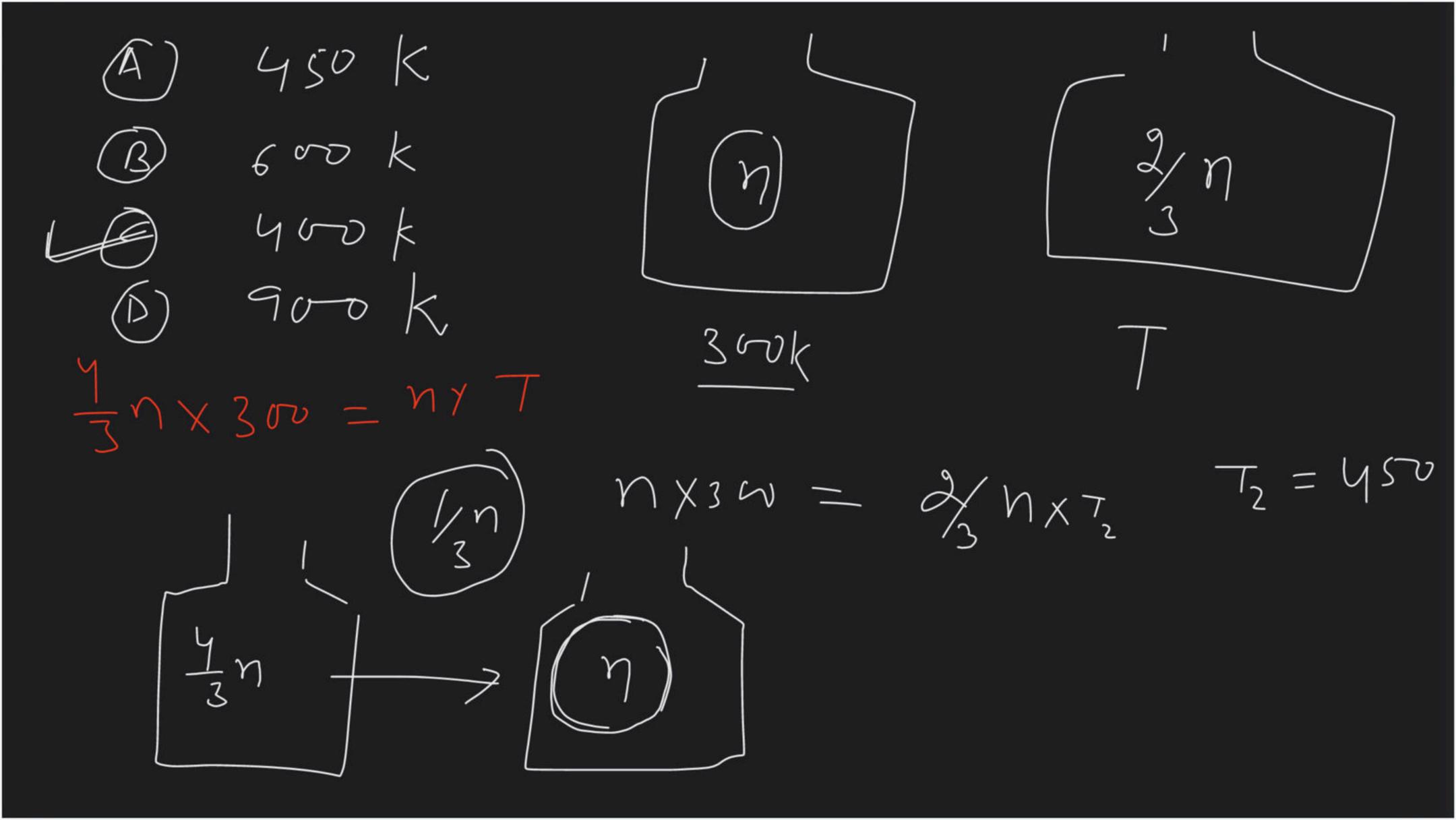


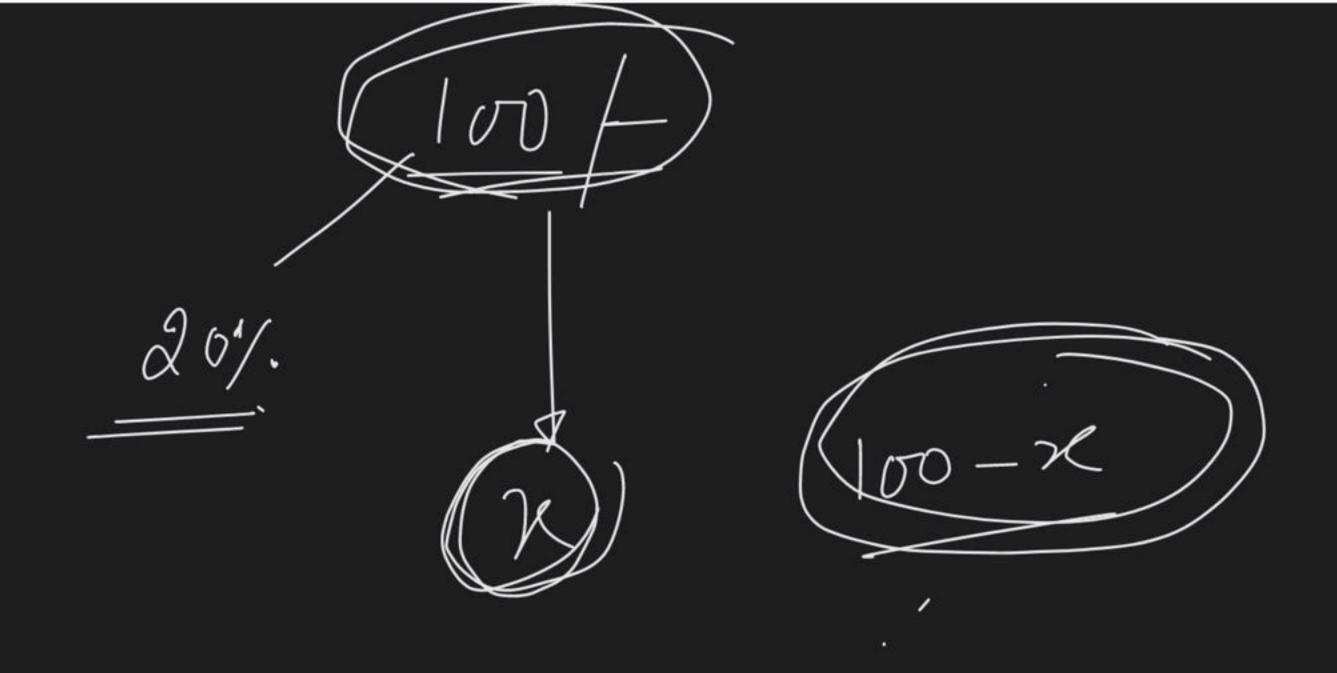
Course on States of Matter for Class XI

(1) Container container a gas out 300K is treated to a ligher temp. tim final Lemp if $\eta_1 = \eta_2 \tau_2$ (a) 1/2 notes of your present (5) juillialy escaped present finally sescaped

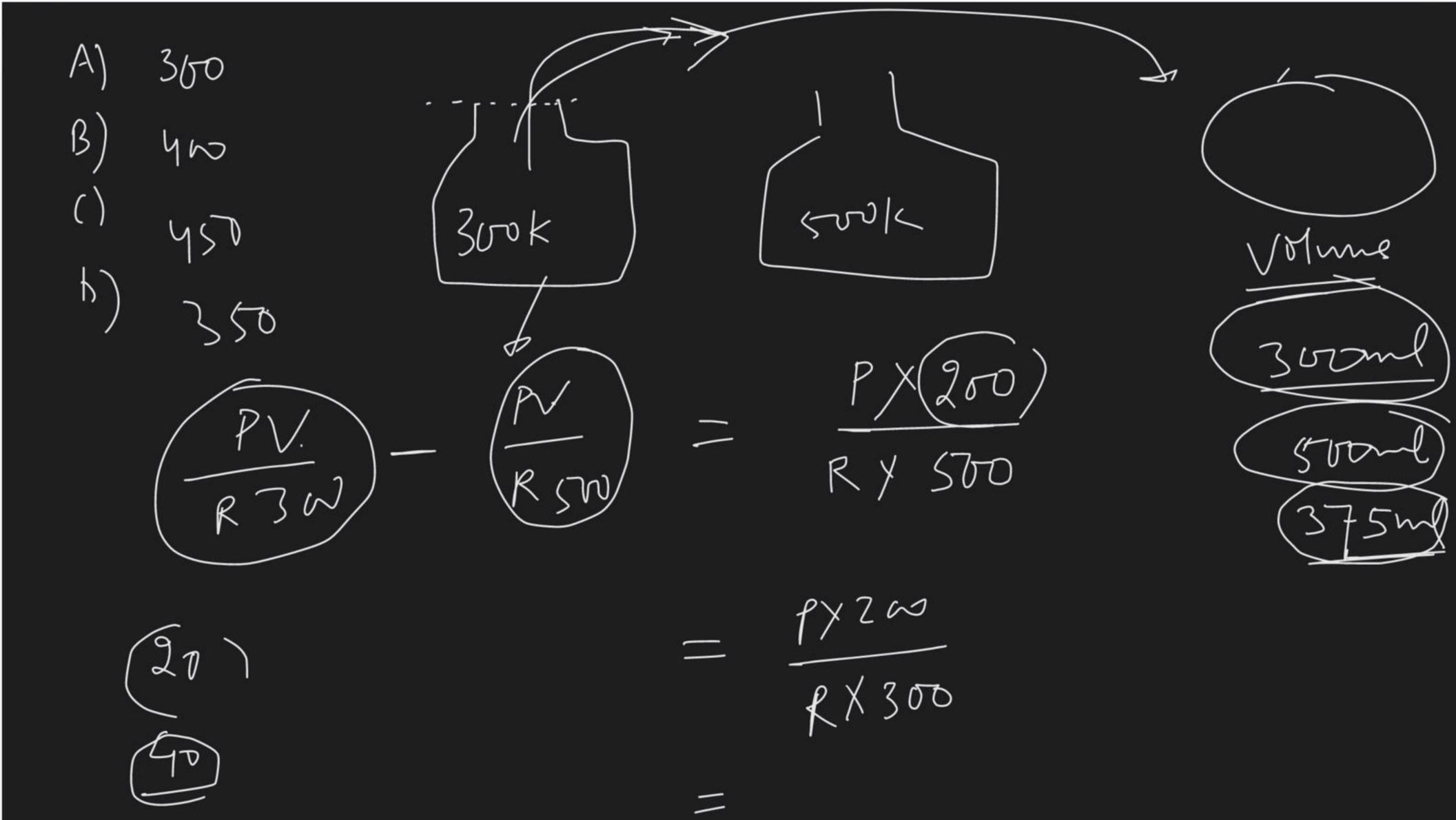


$$\eta_{i} - \eta_{\xi} = \text{notes escaped.}$$

$$\frac{PY}{R300} - \frac{PY}{RT} = \frac{1}{3} \times \frac{PY}{RX300} \Rightarrow \frac{1}{3} \times \frac{1}{7} = \frac{1}{3} \times \frac{1}{7} \times \frac{1}{7} = \frac{1}$$



An open container is theet and from 27°C to (227°C). Expelled gous was collected and its volume was measured at disterent temperature. find volume of container if 200 ml at 227°C (1) Vol. of expelled air was 11 of 270 (2) 1, al 127°C (3) /1



with connected Containers 3-> 300 6 X 821 = PX(3 X 821) 16.42 lit 8-21 his

$$\frac{2}{\sqrt{2}} = \frac{P \times 8.21}{RT} + \frac{P \times 16.42}{RT}$$

6 x 8.21 = M X 0-0821 73 60

VAN

PX 8.21- 2/X 1.1821 X300

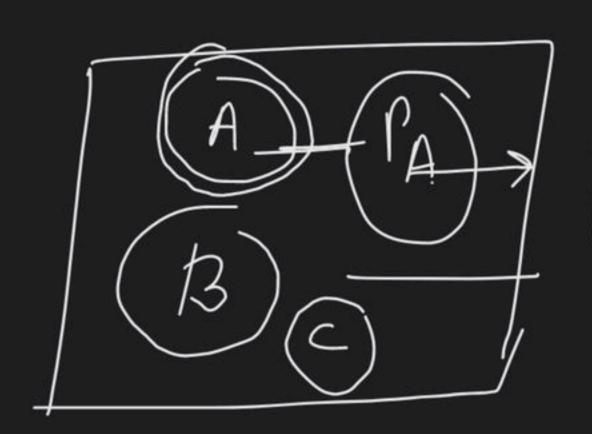
P=Zahm

/ = C. 42 ed 8.2/4 500 K. 3001 P × 2 ×8.21 P X 8,21 XX300K

(B) 4 atm -(B) 24 atm -(D) None

Dalton's law of Partial Pressure: Total pressure exerted by a minture containing two or more guses is equal to the Show of Partial pressure (individual pressure) + each gas.

Partial Pressure (individual pressur): -> Pressure exerted by the component gas When it is present alone in the same Container at same temperature.



$$P_{A}V = (n_{A} + n_{B})RT$$

$$P_{A}V = m_{A}RT$$

$$N_{B}V = m_{B}RT$$

$$P_{A}V = m_{B}RT$$

$$P_{A}V = m_{B}RT$$

$$P_{A}V = m_{B}RT$$

$$P_{A}V = m_{B}RT$$

$$\frac{P_{A}}{P_{T}} = \frac{\gamma_{A}}{\gamma_{A} + \gamma_{B}} = \chi_{A}$$

$$\frac{P_{A}}{\gamma_{A}} = \chi_{A} P_{T}$$

$$\frac{P_{A}}{\gamma_{A}} = \chi_{A} P_{T}$$

$$P = 3 \text{ My}$$

$$P = 3 \text{ My}$$

$$R =$$

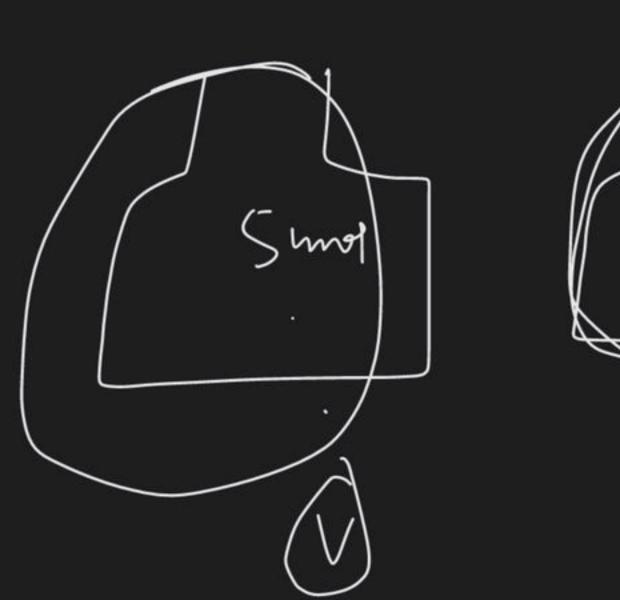
1, 2,3

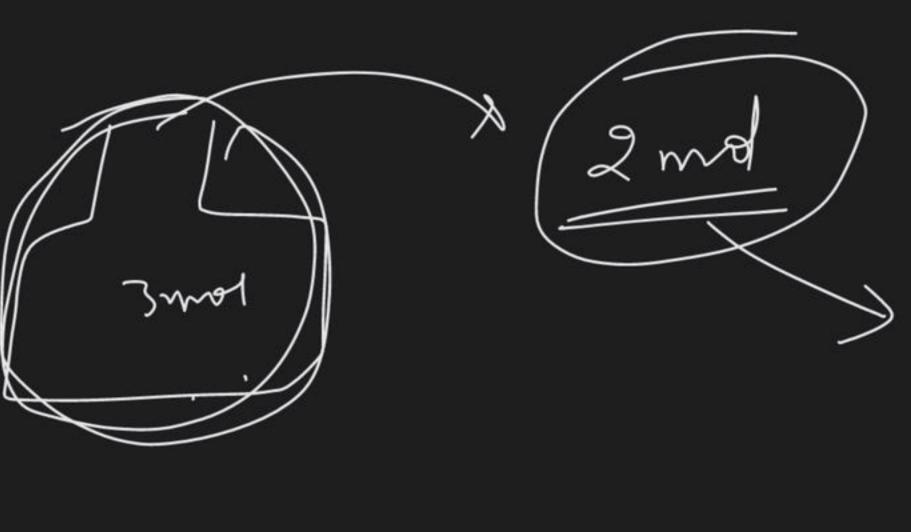
9,10,11

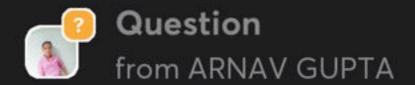
23 - 26











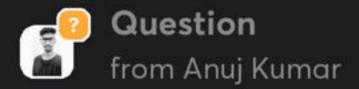
HAPPY GURU PURNIMA SIR



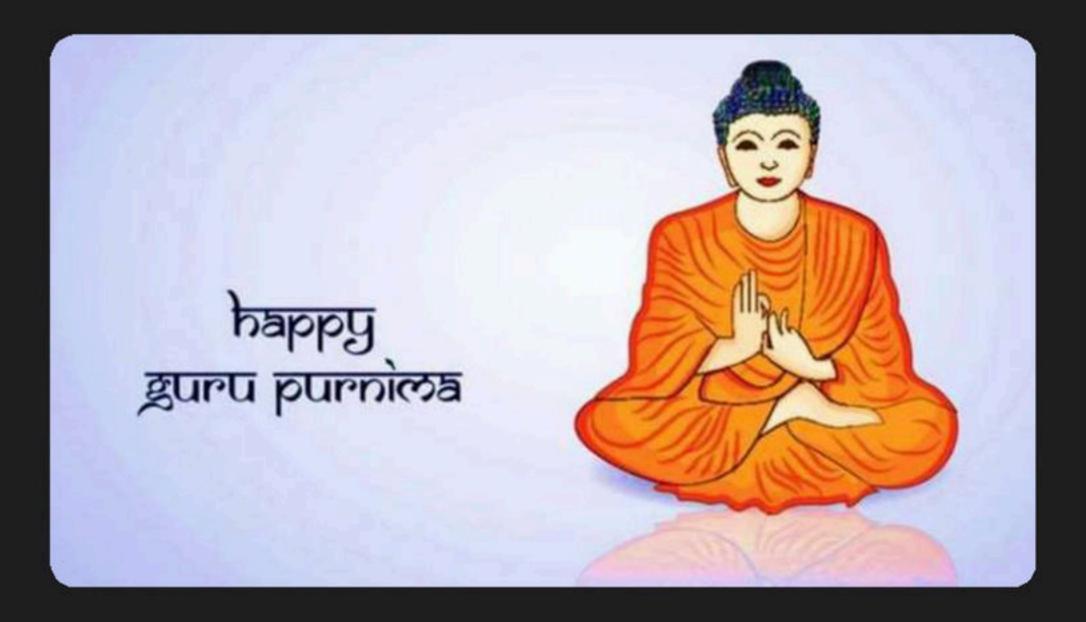
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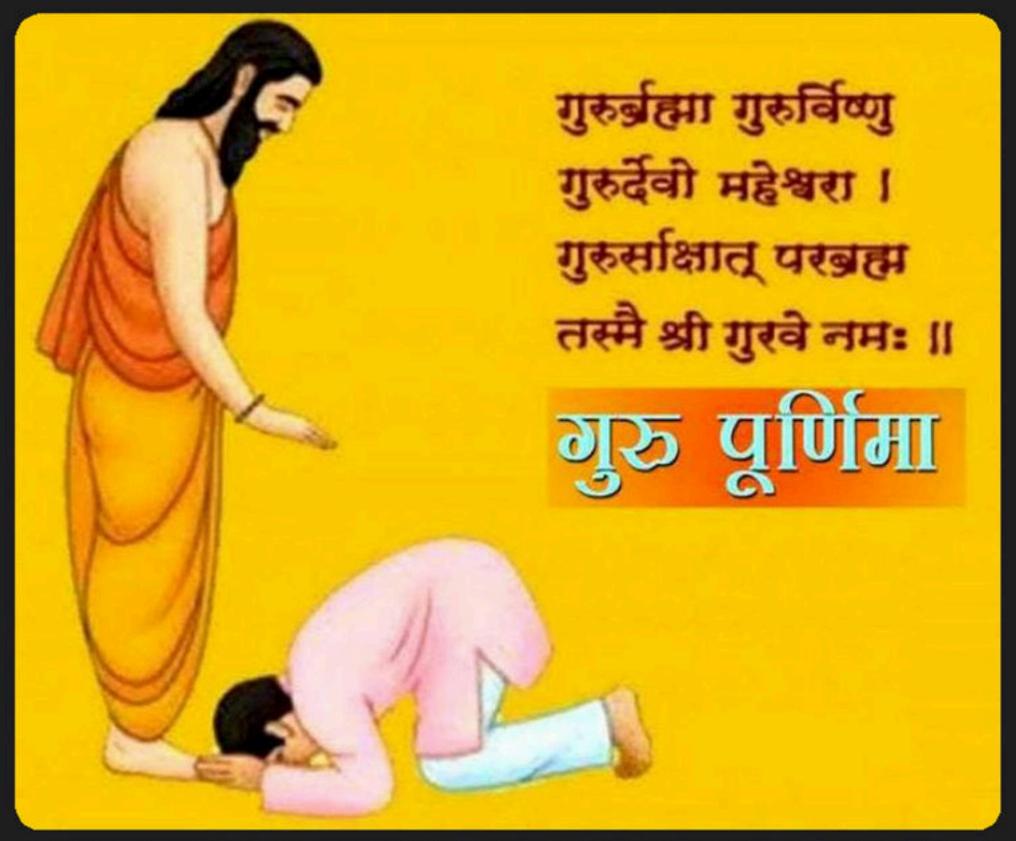




1 MOLE CHARAN SPARS SIR







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Happy Guru purnima sir

Whenever I wanted inspiration, You were there to guide and be, Thanks Guru for being, Such a pillar of support for me, Happy Guru Purnima!

Happy Guru purnima to all teachers and parents..