NAME - SHREYAS SRININGS PALOMER 10 2 01255 1187



05/28/2021

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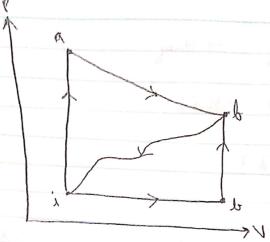
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PHY5-230

LAB QUIZ #14

for Joi secured smary thannody some processes (iof, ibf -: margail V-1 is no monds (if) land



Note know that Wife = 10.27, Qiff = 19.87 & wife = 23,1]

gor & smirresta B

if executy ult in yourselve in somethis in somethy will in temporal

Et Qui = -34.77, determine Wgi.

If Up = 32.3 J, determine Ui.

(2) If Up = 28.5 J, determine Qio and Que. (K)

the Up = 47.25, determine Qia & Qig.

Aus. (a) -: was ter moved feli rod Us princhit

Jul - Will = 2 Und

0.7.9

24: VA = T. T. O) - T8.P1 gaille = [0.p= sulla " great out the priest Jai U D = Jai W - Jai B Ping - 23.18 = 9.65 = 32.75 (L) ti as maitaness state A is UD yearens burreties in some i have I, thingy kno alt no almapete I at i tried more betaluster is yearen bonnestrii ent . Is, p early disher DU = Uk - UK = 9.6J In this case, it is from I to i, = - (U<sub>1</sub> - U<sub>1</sub>) = - (U<sub>1</sub> - U<sub>1</sub>) = -9.65 (11) QL = -34.7J

0.T.V

Arrem set laut, (2)

Qui - Whi = BURI -7 -34.75 - Will 21-9.65 (d) yearn (b), we have DU = U; -U = -9.6] => U1= -9.6432.35 - 22.75 (2) Pint = 10.82 :. Gir + Gir = 10'82 -> 0 Obt - Mot = DU = 10 - Jo - Job semains " = ( Ag, W= [PdW) 27 Qbb 2 Uf- Up alivarian: manusard => Qbf = 32.3- Ub =7 Qb6 = 32.3-28.5 :. Q et = 3.8T Moram D, Pip +3-8 = 10.8 J Qie = 167

(3)

0.7.9

(B) Ping = Qing + Qpg = 32.75 -> 6)

May persons ia,

Qia - Wia = Duiva = Ua - Vi,

. 0 = pi w maximan is v swooney with mit

: Qia = Ua- U; = 47.25 - 22.75

:. Qia = 24.5 J

Noram (D)

Qiat = 24.5 + Qat = 32.75

:. Q at = 8.27