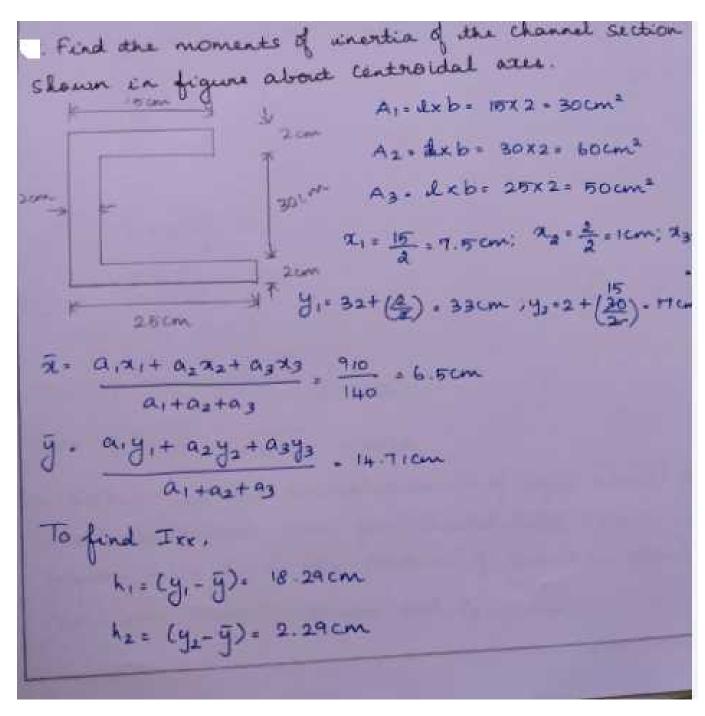


SNS COLLEGE OF TECHNOLOGY

Simonome S

(An Autonomous Institution) COIMBATORE-35

DEPARTMENT OF MECHANICAL ENGINEERING



ns (9,-9) 13-71cm	To find Type
Ixc . I, + I2 + I3	her (14,-51) = 1200
7, 39 + A, L, +	har (na-K)- n.nem
	Age (4g-K) - bene
" bol3 + A, L, 3	7 yy. I. + 7, + 7,
- 19723 + (301E 245)	I Ig, + A, b, "
I,-10048 . 72cm4	* db + A, L, *
Ta = Iga+ Asha	"A × 10 5 ± (\$0 × 17)
- bd3 + Asha	I, - 542.4 Cm."
12 + Mans	Iz - Igo - Asha
" 2×303 + (box 2.29*)	- 30×23 + (50×5.53)
*4500+(60*2.297	1-
Iz . 4814.64cm.4	Ia - 1838 Cm ³
Ig- Ig, + Ashat	Is- Igs + Ashs
· bd3 + A3 k3	- db + (Asha)
+ 25 x23 + (50 x13 mi)	12 + (TOX 6")
Is - 9414.87 cm4	Is + 4404 16 cm. 4
Icc · I, +IA + I3	Iyy, I,+I2+I3
Ix. 24275.23cm4	Tyy . 6831. 86 cm

Radius of gyration: Result: Kxx = 13.16 cm