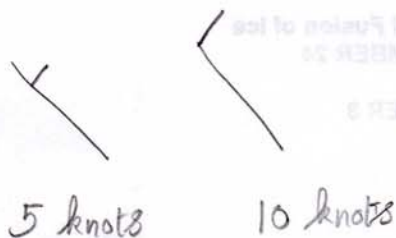


Assignment 1 Feedback

Qs. graded = 6, 7 and 10

6]



373 → denotes pressure, not height

Add 9/10 before it

937.3 1037.3 ← more closer to 1000

$$\therefore P = 1037.3 \text{ mb}$$

7] Three modes of heat transfer -

i) Conduction

ii) Convection

iii) Radiation

Latent heat is a form of energy and not a mechanism of heat transfer.

10] Wein's displacement law = $\frac{\text{constant}}{T}$

$$\lambda_{\text{max}} = \frac{3000}{310\text{K}} \approx 9.36 \mu\text{m} \leftarrow \text{infrared radiation}$$