NOME: LARYSSA GOMES BENTO. **CTII350.**

Tarefa básica - Área do Círculo

① $C = 2\pi R$

$C = 2 \cdot 3{,}14 \cdot 1{,}5$

$C = 9{,}42\ km$

1 litro a cada 6 km

$120 \cdot 6 = 720\ km$

$\frac{720}{9{,}42} \equiv 76$

alternativa "C"

② $C = 2\pi \cdot r$

$C = 2\pi \cdot 2$

$C = 4\pi$

$4\pi \cdot 10$

$40\pi\ cm$

alternativa "C"

③ $A_C = \pi r^2$

$A_C = \pi 1^2$

$A_C = \pi$

$A_q = \sqrt{2} \cdot \sqrt{2}$

$A_q = \sqrt{4}$

$A_q = 2$

$c^2 + c^2 = h^2$

$2c^2 = 4$

$c^2 = \frac{4}{2}$

$c^2 = 2$

$c = \sqrt{2}$

$A_R = \pi - 2$

alternativa "d"

④ $\frac{Ab}{AM} = \frac{bC}{MN}$

$\frac{2}{4} \times \frac{8}{x}$

$8x = 32$

$x = \frac{32}{8}$

$x = 4$

$A_t = \frac{(8+4) \cdot 4}{2}$

$A_t = 12 \cdot 4 / 2$

$A_t = \frac{48}{2}$

$A_t = 24$

$A_C = \pi r^2$

$A_C = 3{,}1 \cdot 2^2$

$A_C = 3{,}1 \cdot 4$

$A_C = 12{,}4$

$A_h = 24 - 12{,}4$

$A_h = 11{,}6$

alternativa "A"

⑤ $A_{C1} = \pi R^2$ $\quad Cc'' = 2\pi . R$ $\quad \frac{100\pi}{10\pi} = 10\ cm$

$A_{C1} = \pi 10^2$ $\quad Cc'' = 2\pi 5$

$A_{C1} = 100\pi$ $\quad Cc'' = 10\pi$

alternativa "C"

⑥ $l^2 = 100$ $\quad N = \frac{10}{0,02.10^{-3}}$

$l = \sqrt{100}$ $\quad n = 500.000$

$l = 10\ mm$

$N = 500000 . 500000 = 25.10^{10}$

alternativa "C"

⑦ $A_r = 40.15$ $\quad A_{lo} = \frac{12H}{2}$ $\quad A_{p.c.} = \pi r^2$ $\quad A_{v.q.} = 3,5^2$

$A_r = 600$ $\quad A_{lo} = \frac{288}{2}$ $\quad A_{pc} = \pi 4^2$ $\quad A_{v.q} = 12,25$

$A_{lo} = 144$ $\quad A_{p.c} = 16\pi$

$A_{p.c} = 16 . 3,14$

$A_{p.c} = 50,24$

$600 - (144 + 50,24 + 12,24) =$

$600 - (206,49) =$

$600 - 206,49 =$

$393,51$

$393,51 . 2,40 =$

$944,40$

alternativa "C"