

Q.14

MSK 8-4

TA-1002 Key

UNCONTROLLED
Accidents

COMPARING &
SUSTAINING EQUATIONS

DTW 18m

88m

870m W

106m = t

SARINATO (HICKMATS) = 106m - 18m = 88m

Darcy's Speed = $V_d = KI$

$Q = KI A = 2.19 \frac{m^3}{Sec}$

$Q = V_d A = 2.19 \frac{m^3}{Sec}$

$KI = V_d = \frac{Q}{A} = \frac{2.19 \frac{m^3}{Sec}}{76,560 m^2} = 2.9 \times 10^{-5} \frac{m}{Sec}$

$A = 88m \times 870m = 76,560 m^2$