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**Answer** 

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.. Thre taken by one packet to reach the node & Ofter transmission from node A = Tp = In sooms, No. of packets Recleved by node B=  $= \frac{500 \text{ ms}}{15 \text{ ms}} = \frac{100}{3} = \frac{33.33}{4}$ (33) packets will be completely recleved. Total time = (Time taken to transmittaine facket from A to link) + (300)\* Protagation = T+ + 300 Tp = 2.5 ms + (300) x 15ms = 2.5 ms + 4500 ms = 4502.5 ms

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for conversions:

 $1 \text{ ms} = 10^{-3} \text{ sec}$ 

 $1 \text{ Mbps} = 10^3 \text{ Kbps}$ 

==> Go through the solution and let me know if you have any doubt in this through comments:)

==> Please give us a "Good rating" if you are satisfied with our response.

Likes: 0 Dislikes: 1

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