



Aayush Shah - 19BCE245

6) A file contains 2 million bytes. Itow long does it take to download this file using 56 lbps channel? Impps channel? Impps channel? here, have transmission time = message size bandwidth this file contains 2,000,000 x8 = 16,000,000 bits.

With 56 lbps channel = 5 6000 bps lt takes 16,000,000 / 56,000 = 285.7 s.

With | mbps channel = 1000,000 | 1 takes (6,000,000 / 1000,000 = 16 s.