

P2:

In a class of 75 students, 15 were considered to be very intelligent, 45 as medium and the rest of them are below average. The probability that a very intelligent student fails in a viva – voice examination is 0.005; the medium student failing has a probability 0.05 ; and the corresponding probability for a below average student is 0.15. If a student is known to have passed the viva – voice examination, what is the probability that he is below average?