Sri Lanka Institute of Information

Technology



Lab Submission

Lab sheet No.6

**IT23329560**

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**Probability & Statistics | IT2120**

B.Sc. (Hons) in Information Technology

**Exercise**

1)

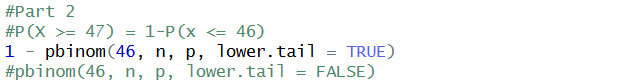
i) What is the distribution of X?

A screen shot of a computer

AI-generated content may be incorrect.



ii) What is the probability that at least 47 students passed the test?





2)

A close up of a white background

AI-generated content may be incorrect. i) What is the random variable (X) for the problem?

A white background with black and white clouds

AI-generated content may be incorrect. ii) What is the distribution of X?

 iii) What is the probability that exactly 15 calls are received in an hour?

A white background with black and white clouds

AI-generated content may be incorrect.

