

Sri Lanka Institute of Information Technology



Lab Submission
Lab sheet No 07

IT24104192

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Probability and Statistics| IT2120

B.Sc. (Hons) in Information Technology

Exercise

Question 1

```
> setwd("F:\\SLIIT\\Y2S1\\Probability and Statistics\\Labs\\IT24104192_Lab7")
> # 01
> punif(15,min = 0,max = 40, lower.tail = FALSE)
[1] 0.625
```

Question 2

```
- -
> # 02
> pexp(2,rate = 0.333, lower.tail = TRUE)
[1] 0.4862405
>
```

Question 3

```
> # 03
> # 1)
> pnorm(130,mean = 100, sd = 15, lower.tail = FALSE)
[1] 0.02275013
> # 2)
> qnorm(0.95, mean = 100, sd = 15)
[1] 124.6728
> |
```