Department of Biotechnology

Biostatistics BT2023

Fall semester Aug-Dec 2023

Email: hjoshi@bt.iith.ac.in

Quiz 1

31 October 2023

Maximum Marks: 20

Both the question has e

Maximum Time: 20 minutes

1. Plot the following function with respect to x. Write down a code and find out the area under the curve and x-axis between y = 2, and y= 6.

$$y = \frac{1}{2\sqrt{2\pi}} e^{-\frac{(x-4)^2}{8}}.$$

2. Plot the histogram for the Level of Hemoglobin for two group of patients and find out mean and variance.