Started on	Friday, 22 October 2021, 8:55 AM
State	Finished
Completed on	Friday, 22 October 2021, 9:02 AM
Time taken	7 mins 42 secs
Marks	30.00/30.00
Grade	**10.00** out of 10.00 (**100**%)

Question **1**

Correct

Mark 10.00 out of 10.00

Suppose X Is Normal(3,25) random variables. Then

$f(k) = P(|X-3| < k \, 5)$

is a constant function.

Select one:

○ True

◉ False ✔

The correct answer is 'False'.

Question **2**

Correct

Mark 10.00 out of 10.00

Let X be a Normal(0,1) random variable. Then

$P(-2 < X < 2) =. P(X < M) - P(X < -2)$

Then M is equal to

○ a. 0

◉ b. 2 ✔

○ c. -2

Your answer is correct.

The correct answer is:
2

| Question **3** |
| Correct |
| Mark 10.00 out of 10.00 |

Let X be Poisson(2) Random variable. The E[1/(1+X)] equals

- ○ a. (1/2)* (1-exp(-2))   ✔
- ○ b. exp(-2)
- ○ c. (1/2) * exp(-1)
- ○ d. 1- exp(-2)

Your answer is correct.

The correct answer is:
(1/2)* (1-exp(-2))

◄ Worksheet 5

| Jump to... |

Homework 5 ►