

Question 1

"Suppose X has an exponential distribution with $\lambda = 5$, then V(x) = 0.08"

Selected Answer: False

Answers: True

False

Question 2

"Suppose X has an exponential distribution with $\lambda = 6$, then P (X < 1) is "

Selected Answer: 0.9975

Answers: 0.3832

0.2476

0.9975

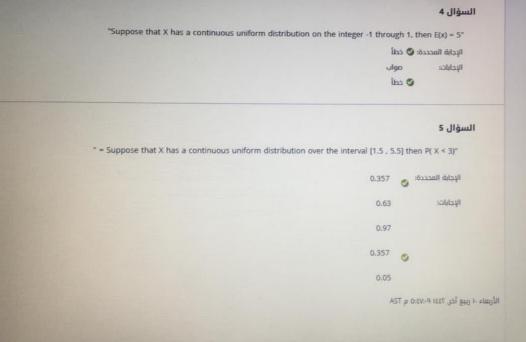
0.4346

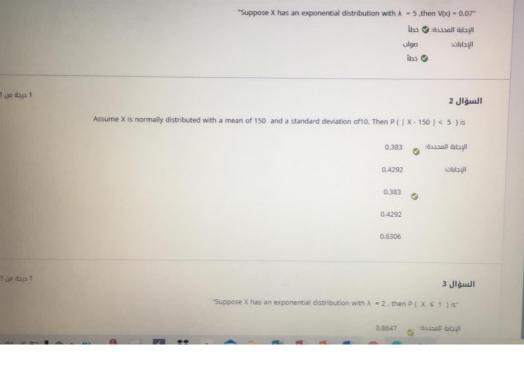
Anezriou 2 "Suppose that X has a continuous uniform distribution on the integer 1 through 5, then E(x) = 3" Selected Answer: 🚱 True Answers: True False Question 4 "Suppose that X has a continuous uniform distribution over the interval [50, 75] then P(X > 60) = " Selected Answer: 👩 0.6 Answers: 0.91 0.1 0.6

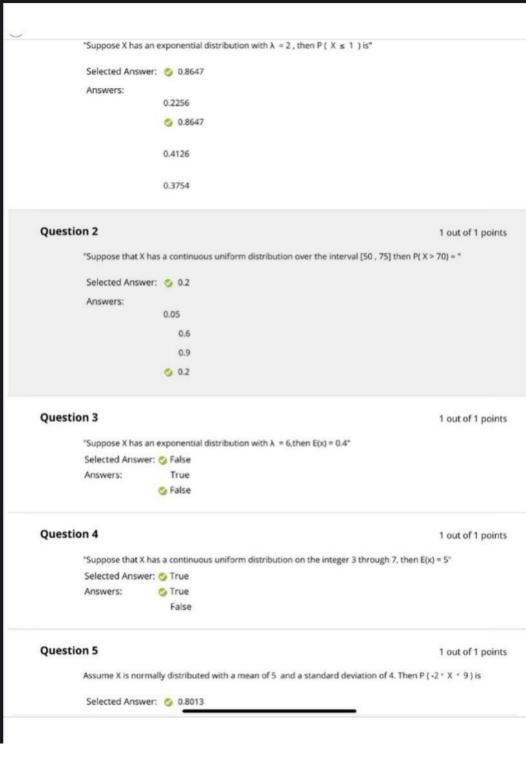
0.05

Assume X is normally distributed with a mean of 5 and a standard deviation of 4. Then P(X > 0) is Selected Answer: 0.8943 Answers: 0.4413 0.8943 0.1287 0.2305

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Assume X is normally distributed with a mean of 150 and a standard deviation of 10. Then P (X * 165) is

Selected Answer: 6 0.9332

Answers:

0.1287

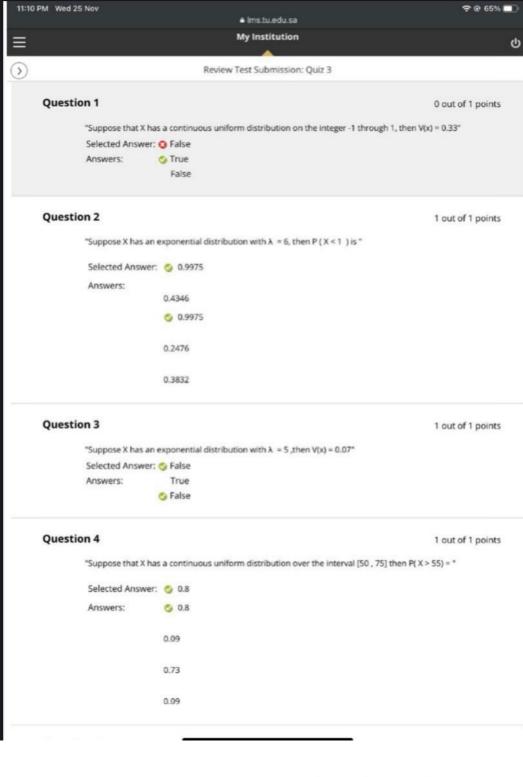
0.1287

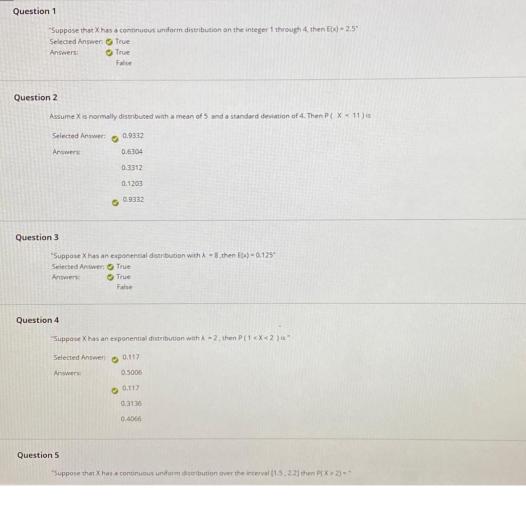
0.2305

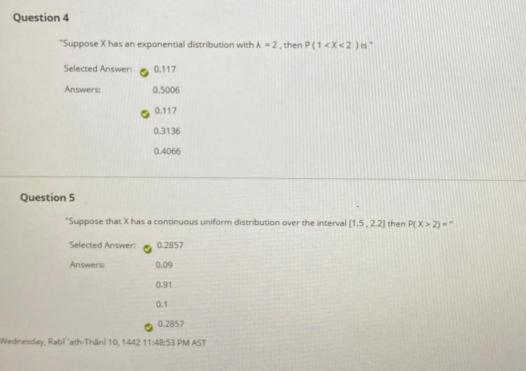
0.9332

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← ok







مراجعة تقديم الاختبار: Quiz 3 – احتم 🗙 🕇

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تم عرض النتائج كل الإجابات, الإجابات المرسلة, الإجابات الصحيحة

السؤال 1

"Suppose X has an exponential distribution with $\lambda = 9$, then V(x) = 0.0123"

الإجابة المحددة: 🛇 صواب

الإجابات: 🛇 صواب

iba

السؤال 2

"Suppose X has an exponential distribution with $\lambda = 2$, then P (X \leq 1) is"

الإجابة المحددة: 🚙

الإجابات: 0.3136

0.3429

0.8647

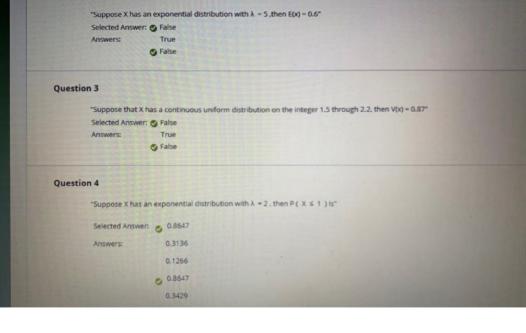
0.8647

0.1266

السؤال 3

(has a continuous uniform distribution on the integer 1.5 through 2.2 then E(x) = 1.85"





Question 5

Assume X is normally distributed with a mean of 12 and a standard deviation of 2. Then P (X > 17) is

Selected Answer: 0.0062

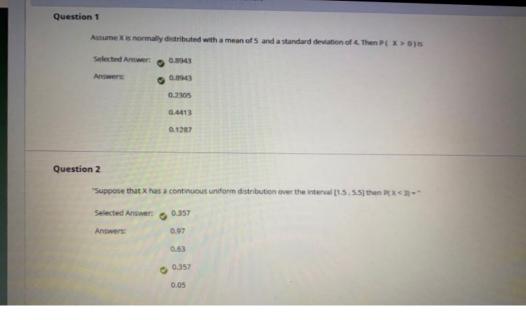
Answers: 0.2293

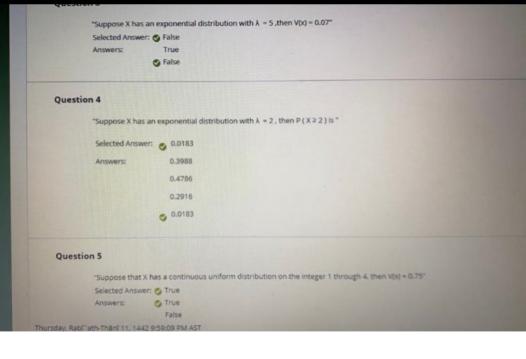
0.2293

0.0062

0.8335

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Uniform distribution

$$f(x) = \text{range of values}$$

$$f(x) = \frac{1}{b-a}, \ a < x < b$$

$$\mathbf{E}(X) = \frac{a+b}{2}$$

$$\operatorname{Var}(X) = \frac{(b-a)^2}{12}$$