Quiz for Week 8

⚠ This is a preview of the published version of the quiz

Started: 28 Oct at 18:23

Quiz instructions

Quiz time is from 17.15 to 18.00 of October 18, 2023.

Question 1	**1 pts**

Ten students have registered for a talk. The number of students who actually turn up is a random variable that follows

- ● a Binomial distribution
- ○ a Negative Binomial distribution
- ○ a Bernoulli distribution
- ○ a discrete uniform distribution

Question 2	**1 pts**

Randomly sample 3 balls one by one **with replacement** from a jar containing 4 red balls and 6 blue balls, what is the probability of getting 2 red balls and 1 blue ball?

- ○ 0.426
- ● 0.288
- ○ 0.368
- ○ 0.445

Question 3	**1 pts**

Which of the following distribution is most suitable for modelling the number of crimes that occur in a city during a single day?

- ○ Negative Binomial Distribution
- ○ Binomial Distribution
- ● Poisson Distribution
- ○ Geometric Distribution

Saved at 18:25   Submit quiz