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| BEYNƏLXALQ İQTİSADİYYAT MƏKTƏBİ |
| BEYNƏLXALQ İQTİSADİYYAT (İNGİLİS DİLLİ) KAFEDRASI |

**Quiz\_1\_2019\_spring**

**Theory of probability**

**Problem 1 on topic** Elements of combinatorial analysis

**Problem 2 on topic** Elements of combinatorial analysis**.**

**Problem 3 on topic** Elements of combinatorial analysis

**Problem 4.** **on topic** Elements of combinatorial analysis

**Problem 5 on topic** Elements of combinatorial analysis

**Problem 6.** **on topic** Elements of combinatorial analysis

**Problem 7 on topic** Elements of combinatorial analysis

**Problem 8.** **on topic** The space of elementary events . The event and its probability

**Problem 9.** **on topic** The space of elementary events . The event and its probability

**Problem 10** **on topic** The space of elementary events . The event and its probability.

**Problem 11**  **on topic** The space of elementary events . The event and its probability

**Problem 12**  **on topic** The space of elementary events . The event and its probability

**Problem 13. on topic** The space of elementary events . The event and its probability

**Problem 14 on topic** The basic formulas of probability theory

**Problem 15.** **on topic** The basic formulas of probability theory

**Problem 16 on topic** The basic formulas of probability theory.

**Problem 17**. **on topic** The basic formulas of probability theory.

**Problem 18.** **on topic** The basic formulas of probability theory.

**Problem 19. on topic** The basic formulas of probability theory.

**Problem 20.** **on topic** Conditional probability and multiplication theorem.

**Problem 2*1***. **on topic** Conditional probability and multiplication theorem.

**Problem22**. **on topic** Conditional probability and multiplication theorem

**Problem23**. **on topic** Conditional probability and multiplication theorem

**Problem24**. **on topic** Total probability

**Problem 25**. **on topic** Total probability

Theory of probability

Quiz\_2 (spring), 2019

1. Numerical characteristics of a continuous random variable.
2. Numerical characteristics of a continuous random variable.
3. Numerical characteristics of a continuous random variable.
4. Numerical characteristics of a continuous random variable.
5. Numerical characteristics of a continuous random variable.
6. Numerical characteristics of a continuous random variable.
7. Numerical characteristics of a discrete random variable.
8. Numerical characteristics of a discrete random variable.
9. Numerical characteristics of a discrete random variable.
10. Numerical characteristics of a discrete random variable.
11. Numerical characteristics of a discrete random variable.
12. Numerical characteristics of a discrete random variable.
13. Numerical characteristics of a continuous random variable.
14. Numerical characteristics of a continuous random variable.
15. Numerical characteristics of a continuous random variable.
16. Numerical characteristics of a continuous random variable.
17. Numerical characteristics of a continuous random variable.
18. Numerical characteristics of a discrete random variable.
19. Conditional probability
20. Approximate formulas for repeated independent tests.
21. Approximate formulas for repeated independent tests.
22. Approximate formulas for repeated independent tests.
23. Bernoulli s formula for independent tests.
24. Numerical characteristics of a random vector.
25. Numerical characteristics of a random vector.

**Problems 3\_spring\_2019**

**Problem 1.** Density function of the sum of two random variables .

**Problem 2**. Find the distribution function and the density distribution of a random variable.

**Problem 3**. Find the distribution function and the density distribution of a random variable.

**Problem 4.** A random variable distributed according …. . Find a) the coefficient; b) function distribution; c) the probability of hitting on the interval … . Show that the expectation does not exist.

**Problem 5**. Find the density of distribution of random variable … .

**Problem 6.** Find the distribution function and the density distribution of a random variable .

**Problem 7.** Find the distribution function and the density function of a random variable.

**Problem 8**. Find the distribution function and the density distribution of a random variable.

**Problem 9**. Find the density function of the sum of two random variables .

**Problem 10**. The density distribution is equal to ,,,. Find the constant , density distribution and probability

**Problem 11.** Find the density distribution of the random variable

**Problem 12.** Find the density distribution of the random variable

**Problem 13.** A random variable has a distribution function … . Find the distribution function of the random variable …

**Problem 14.** A random variable … has a distribution …. Find the density function of random variable….

**Problem 15.** Find the density of distribution of random variable… .

**Problem 16.** Show that if a random variable has a continuous distribution function, then the random variable …. is uniformly distributed on the interval … .

**Problem 17.** Density function of the sum of two random variables.

**Problem 18.** Density function of the sum of two random variables.

**Problem 19.** Density function of the sum of two random variables.

**Problem 20.** Density function of the sum of two random variables

**Problem 21.** Density function of the sum of two random variables .

**Problem 22**.. Find the distribution function and the density distribution values of .

**Problem 23.** Find the density function of random variable…

**Problem 24.** Density function of the product of two random variables.

**Problem 25.** Density function of the sum of two random variables.