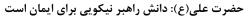
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1. supermom





تعداد سوالات: تستى: ٣٠ تشريحى: ٠ سری سوال: یک ۱ زمان آزمون (دقيقه): تستى: ١٢٠ تشريحي: ٠ **ـوان درس:** زبان تخص رشته تحصیلی/کد درس: آمار، ریاضیات و کاربردها۱۱۱۷۰۳۰ 1-There is always some chance that the results based on the sample do not represent the 3. sample 4. calculation 1. statistics 2. population 2-Generalizing about the whole from knowledge of just the part is known as: 2. deductive 3. statistics 4. date 1. induction 3-There exists permutations of the letters in the word sky. **1.** 3 4. 6 4-The method of ANOVA uses for testing of 1. difference of two means 2. equality of means 4. ratio of variances 3. difference of variances 5-Let 2,3,4,4,4,3,2 be frequences of seven then they have a shape. 1. bell distribution 2. symmetric distribution 4. skew distribution 3. rectangular distribution 6-When the frequency of score is divided by the total number of scores, the result is called 1. meadian 2. cumulative frequency 3. mean 4. relative frequency 7-The mean, median, and mode are named 2. the scale measures 1. the location parameter 4. the central values 3. the dispersion values 8-Which chart is used for quantitative data? 1. Pie chart 2. histogram 3. bar chart 4. pareto chart 9-When the distribution is severely skewed, it is not better to use a 1. midpoint 2. mode 3. mean 4. median 10-The color of some books is scale. 2. nominal 1. ordinal 3. interval 4. scale 11-the most frequently occurring value in a set of observation is 2. mean 3. mode 4. maximum

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کارشناسی



تعداد سوالات: تستى: ٣٠ تشريحى: ٠ سرى سوال: يك ١ زمان آزمون (دقيقه): تستى: ١٢٠ تشريحي: ٠ **ـوان درس:** زبان تخصصی رشته تحصیلی/کد درس: آمار، ریاضیات و کاربردها۱۱۱۷۰۳۰ indicates that at least $1 - \frac{1}{k^2}$, of all population values lie within the limit $\mu \pm k\sigma$ where k > 11. Sigma field 2. Random sample 4. sample space 3. Chebychov inequality 13-The value of raw score less than the mean minus mean is 4. normal 1. positive 2. average 3. negative 14-In a positive skewed shape, the is on the left of the median. 2. mean 3. 75 percentile 1. mode 4. a & c 15-A list of all possible outcome of an experiment is 3. variable 1. sample space 2. event 4. random 16-How many sample points are in the sample space when the three coins are tossed? 2. 4 3. 6 17-If A and B are independent events then: 1. $A \cap B = \phi$ 2. $P(A \cap B) = P(A) - P(B)$ 3. $P(A \cup B) = P(A) + P(B)$ 4. P(A | B) = P(A)18-Two dies are rolled. The number of elements of sample space is 2. 12 4. 4 1. 64 3. 36 19-The special case of the negative binomial distribution is 2. geometric distribution **1.** positive binomial distribution 4. Binomial distribution 3. normal distribution ²⁰-The coefficient of xy^3 in the expansion of $(x+y)^4$ is 2. 6 3. 2 1. 4 4. 3

21-What is the another name of normal distribution?

1. central limit

2. Gaussian

3. ordinal

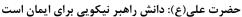
4. Natural measure

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1. Spearman test

3. Fisher test

کارشناسی





تعداد سوالات: تستى : 30 تشريحي : 0 سرى سوال: يك ١ زمان آزمون (دقيقه): تستى: ١٢٠ تشريحي: ٠ **ــوان درس:** زبان تخصصی رشته تحصیلی/کد درس: آمار، ریاضیات و کاربردها۱۱۱۷۰۳۰ 22-The more essential properties of a random variables are provided by its 1. mean 2. variance 4. moment generating function 3. mode 23-A statement about relationship between two or more variables is called: 3. Correlation 2. induction 4. hypothesis **1.** association 24-Regression means: 2. return 1. Straight line 3. foretell 4. curvature 25-The shows the direction and strength of the relationship between two variables. 1. association ^{2.} calculation 3. correlation 4. observation This formula $v = \frac{s}{r}$ is called: 2. Kurtosis 1. Skewness 4. Variation 3. Coefficient of variation 27-Inference is stronge when you have 1. the information about mathematics 2. the mean of population 3. big sample size 4. the random samples 28-The of the statistical test is defined as $1-\beta$. 1. level 2. rank 3. moment 4. power 29-rank means: 3. grade 4. first 1. mark 2. sign 30-Which one is a parametric test?

2. Wilcoxon-Wilcox test

4. Mann-Whitney test