



مجاز است.

استفاده از: --

**A: Choose the correct answer for each sentence:**

1. There is always some chance that the results based on the sample do not represent the .....  
a. population      b. truth      c. data      d. correlation
2. Descriptive statistics is mainly concerned with .....  
a. statistical evaluation and making generalizations  
b. summary calculations and graphical displays  
c. logical deduction and thorough conclusions  
d. making inferences and decision making
3. Sample frequency distribution is.....  
a. the resulting summary for the inspection times  
b. grouping data into contiguous blocks  
c. manipulating data in meaningful fashion  
d. the falling of each interval into observation
4. The mean is inappropriate for..... data.  
a. Ordinal      b. ratio      c. interval      d. scale
5. An .....is any collection of an experiment.  
a. Event      b. experimental      c. encounter      d. idea
6. An entire group of different types of multiple mean comparisons is called.....  
a. ANOVA      b. t – test      c. sign test      d. non parametric test
7. A process involving a series of trials with two complementary outcomes is called..... the process.  
a. Bernouli      b. Poisson      c. Banach      d. Gaussian
8. The..... shows the direction and strength of the relationship between two variables.  
a. association      b. calculation      c. correlation      d. observation





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20. If A,B are .....so are A' , B'.

- a. dependent      b. independent      c. consistence      d. seperate

21. An exponential distribution has .....parameter.

- a. no      b. none      c. one      d. two

22. On a scatter plot, each individual in the data is illustated as a .....

- a. plot      b. plan      c. point      d. pattern

23. Logic inferential statistics mainly deals with

- a. treatments      b. probabilities      c. assvmptions      d. populations

24. The .....function is defiend by  $sg(x) = \begin{cases} -1 & x < 0 \\ 0 & x = 0 \\ 1 & x > 0 \end{cases}$

- a. mark      b. rank      c. moment      d. sign

25. Rejection of the null hypo thesis when it is true is called .....

- a. type II error      b. type I error      c. power function      d. sign function

26. If standard deviation is  $2/2$  and the sample mean is 2 what is the coefficient of variation?

- a. 1      b. 0/91      c. 0/7      d. 1/1

27. When there is á lack of symmetry in a probability distribution what sort of in data is occurred?

- a. unsymmetric      b. skewed      c. not – symmetric      d. kurtosis

28. What is the  $K^{th}$  moment about the mean?

- a.  $E(X^k)$       b.  $E(X-\mu)^k$       c.  $\frac{1}{K}E(X-\mu)^k$       d.  $E(X-\bar{X})^k$

29. For this distribution the mean and variance are equal?

- a. Noraml      b. Bernoli      c. Poisson      d. Geometric

30. What is the probability of rejecting the null hypothesis when it is false?

- a. Power of test      b. Type I error      b. Type II error      d. Power of the sample