

Statistics - ICS Part 2 Statistics English Medium Compete Book Short Questions Preparation

Q1. Why will DOS is continue to be used into the twenty first century ?

Ans 1: Although DOS is not user friendly (not based on graphical user interface) and requires to remember some commands, but still it is popular and used. The reasons are: IBM compatibility, availability of software and Intel based micro computers. Still there are some video games which run in DOS mode.

Q2. Is it true that a change in origin scale of the variables affects the value of correlation coefficient ?

Ans 1: Coefficient of correlation is independent of the change in the origin and scale.

Q3.

Ans 1:

Q4.

Ans 1:

Q5. Why correction for continuity is in above transformation ?

Ans 1: To make discrete Binomial variable X as continuous Normal variable.

Q6. Why correction for continuity is in above transformation.

Ans 1: To make discrete Binomial variable X as continuous Normal variable.

Q7. What is the purpose of system software

Ans 1: System software controls a computer's internal functioning, chiefly through an operating system, and also controls such peripherals as monitors, printers, and storage devices.

Q8. if we measure the correlation between weights (in kg) and height (in cm) then what would be the unit of coefficient of correlation ?

- i. Kg per cm or
- ii. Cm per Kg
- ii. Non of these

Ans 1: Coefficient of correlation is independent of units of measurement. It is a pure real number lying in between -1 and + 1. Option (iii) is true.

Q9. What is a bias ?

Ans 1: Any attitude or operation, which deprives a statistical result of its true and actual representativeness.

Q10.

Ans 1:

Q11. How many samples of size n can be drawn from a population having N elements when sampling is done with replacement ?

Ans 1: Number of total possible samples will be N^n .

Q12.

Ans 1:

Q13.

Ans 1:

Q14. What is meant by sampling distribution ?

Ans 1:

Q15. What is parameter ?

Ans 1: It is the numerical descriptive of population.

Q16. What is meant by a random sample ?

Ans 1: If n elements are selected from a population in such a way that every set of n elements are said to be a random sample.

Q17. What is sampling error ? How can we reduce this error ?

Ans 1: It is the difference between a statistic and respective parameter. It can be reduced by employing better technique, supervision, randomness and increasing the sample size.

Q18. What is mean by "Level of Confidence" ?

Ans 1: It is the confidence coefficient expressed in percentage form.

Q19. What are computers ?

Ans 1: The computer is a useful machine. This amazing machine is working in almost every field of life. this complex machine, built of silicon metal and plastic. the computer is a device that has the ability to accept the data, internally store and execute a program of instructions, perform mathematical and other operations on data and report the results. We use computers in business, health care, education, science, engineering, military and many other fields.

Q20. Why correction for continuity is in above transformation

Ans 1: To make discrete Binomial variable X as continuous Normal variable.
