

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

Q1. 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.
Q2.
Ans 1: Approximately 68.26% and 99.73% of the total area fall in the stated intervals respectively.
Q3. As the ranks are always positive therefore, it can be conclude that rank's correlation coefficient will always be positive.
Ans 1: No, its value always lies in between -1 and +1.
Q4.
Ans 1:
Q5. What stands for Z in normal distribution ?
Ans 1: Z is a standardized normal variate (SNV) having zero mean and unit variance.
Q6. What is meant by standard error of a statistic ?
Ans 1:
Q7. What is a bias ?
Ans 1: Any attitude or operation, which deprives a statistical result of its true and actual representativeness.
Q8.
Ans 1:

Q9. Define History of computer.
Ans 1:
Q10. Why correction for continuity is in above transformation
Ans 1: To make discrete Binomial variable X as continuous Normal variable.
Q11. What are the mean and standard deviation of a Standardized normal Variate Z?
Ans 1 : E (Z) = 0 and S.D (Z) = 1
Q12. What is the purpose of system software
Ans 1: System softwarecontrols a computer's internal functioning, chiefly through an operating system, and also controls such peripherals as monitors, printers, and storage devices.
Q13.
Ans 1: Option (ii) is true.
Q14.
Ans 1: V = (r - 1) (c - 1)
Q15. What is name given to the factor (N - 1) (N - n).
Ans 1: It is known as finite population correction factor (f.p.c).
Q16.
Ans 1: These are independent of each other.
Q17. When Binomial distribution in approximated by Normal Distribution ?
Ans 1:
Q18. Which one is true for coefficient of correlation ?

Ans 1: By na	ature of the relationship we mean	that whether the relationship	p is linear or curvilinear; positive or negative etc.	
)19. What is ເ	computer language and their	types.		
be assessed l	are many different compute rland pased upon the need. There are t nguage 2- High level laguages.		grams. Each has its strength and weakness es and lage.	tsum t
)20. Is it true	that failure to reject the ${\sf H}_0$ m	eans the acceptance of	H _A ?	