

B.Sc.(Part III) (Sem VI)2019-2020, Mock Test

STATISTICS(Paper XIII, XIV,XV,XVI)

Choose the correct alternative.

Q1. Convergence in probability of sample mean to population mean is a statement of

- (a) Weak law of large numbers (b) Strong law of large numbers
(c) Central limit theorem. (d) None of these.

Q2. If and then

- (a) (b)
(c) (d) All the above.

Q3. The $(1-\alpha)\%$ confidence interval for the ratio of variances of two normal populations

is based on

(a) Chi square distribution (b) F- distribution (c) t- distribution (d) Normal distribution

Q4. In SRSWOR the probability of drawing a specified unit of the population at any given draw is equal to the probability of its being selected at

- (a) Second draw (b) First draw
(c) Any draw (d) Last draw.

Q5. The quality of the product means

- (a) Degree of reliability (b) Fitness for use
(c) Durability (d) Price of product.

