

Faculty of Humanities and Social Sciences Statisticcs

Question No	Question Text	Option 1	Option 2	Option 3	Option 4
1	If R^2 is zero, that is no collinearity, then what will be the variance inflation factor (VIF)?	0	1	2	-1
2	A random sample of 20 items from an infinite population having standard deviation 4.475 and mean 12. The standard error of sampling distribution of mean is	1	1.5	0.8	1.1
3	Imagine we conducted a three-way independent ANOVA. How many sources of variance would we have?	8	7	4	3
4	When sample size is large, the efficiency of the estimator of population mean in post stratification is approximately equal to that of:	Proportional allocation	Neyman Allocation	Simple Random Sampling	Cluster Sampling
5	If an estimator T_n of population parameter λ converges in probability to λ as n tends to infinity is said to be	Efficient	Unbiased	Sufficient	Consistent