Testing of Hypothesis.

What is Sampling distribution?

The probability distribution of the

Sampling Statistic is called Sampling distribution. Gr I What are the parameters and Statistics in Bampling 7. Statistical measurements of population are called parameters. Eg. Population mean M Population S.D. o Statistical measurements of Sample are called Statistics Eg: Sample moan x Sample S.D. 8 3. Mention various steps involed in testing of Hypothesis. 1. Set Null Hy pathesis Ha. 2. Set Alternate Hypothesis H, 3. Compute Test Statistic Z = t - E(t)4. Select appropriate level of significance of 5. Calculate critical value Za from the Statistical table 6. If 121 LZa, Accept Ho. If 1212/2) reject /7 7. Write conclusion.

Am What are Type I & Type I errors) Type I exper . Reject Ho When it is Inco. Type I exact : Accept to when it is false. 5 Grove two Applications of you test ? (or) Hain uses ... Test the Godness of fit 2. Test the independence of Attributes. 3. Test population Vananca... 6. Define ψ^2 test of goodness of fit. ψ^2 Test statistic = $\leq (o-E)^2$ where expected fraguency 7. What are the as & umptions made in t-test) 1. Parent population is normal d. Sample Size n. 6.30.... 3. Population. S.D. is not known. A. Samples are independent s. Write the condition of yo - test? write the assumption of you test?

