**Performing the plan** - George Polya introduced a four-step method for problem solving. Which of the following processes illustrates the third step?

**Inductive Reasoning** - Which type of reasoning is applicable in looking for succeeding term in a given sequence?

**Working Backwards** - This problem-solving strategy begins with the results and applies a set of mathematical operations in reverse order to arrive at the answer

**Problem Solving** - It is a mathematical process which encompasses exploring, reasoning, strategizing, estimating, conjecturing, testing, explaining and proving

**Time Series Graph** - Which statistical graph is most appropriate to use when presenting the average daily temperature over a month?

**Nurse weight/ Effect of digital books** - Which of the following situations requires the application of inferential statistics?

**The researcher is willing to take 5% chance of rejecting a true null hypothesis.** An English teacher wishes to see whether a new grammar program will reduce the no. of grammatical error. A = 5%??

**Equal to 200mg/dl** - A medical trial is conducted. The mean cholesterol is 200 mg/dl

**Pearson’s r** - Correlation coefficient appropriate to employ in determining relationship between gender and career

**Z – score** - Which of the following is not a descriptive measure?

**Inferential Statistics -** It is an area of statistics that is concerned with making prediction and testing hypothesis

**87** - Grade of at most 89

**13** - Mean number of dengue fever patients

**165** - Median of the given data set

**96** - Next sequence

**Monday** – 71 days from now

**24** – Tricycle