

**Assignment 1**  
**Programme: MBA (PT)**  
**Course Code (Name) : 10800 (Quantitative Techniques)**

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**Course Covered** : Entire Course

**Instructions** : Attempt all questions on your own at the first instance. If you cannot do them on your own, you are free to take help of your batch mates or your course instructor. The assignment is to be submitted in *soft form* on or before April 1, 2016. References must be provided.

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1. Explain about the various scenarios of decision making, viz. under certainty, under uncertainty and under risk. Also explain about the models that are used under these situations.
  2. Write a detailed note on the use of *Game Theory* in business decision making.
  3. List five websites which can help you with data analysis. What kind of data analysis maybe done in each of these websites?
  4. Bring out the differences between *descriptive statistics* and *inferential statistics*? Give situations where you will use them.
  5. What is 3D data visualization? Why is it gaining currency?
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- ✓ Take a bag with you whenever you go shopping to the market. That way, you avoid bringing polybags which ultimately finds its way to the waste basket. These are not bio-degradable and harm the environment.
  - ✓ Take the print out of this assignment in a paper which is already used on one side. This can help save paper and associated costs. In fact, make it a habit to always use papers to the optimum. Even envelopes just thrown away can be used to do rough work.
  - ✓ Check to see that all electrical appliances are switched off when they are not being used. Switch to CFLs. You can do a lot to save power.
  - ✓ Make it fashionable to be environmentally conscious and aware. You can make a real difference to the only place we have to live called EARTH.
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