

1. Explain “**concurrent engineering**”. **Concurrent Engineering is a method of designing and developing products, in which the different stages run simultaneously (concurrently) , rather than consecutively (linearly).**
2. What four companies participated in the development of CAD programs in the 1960’s? **General Motors, Lockheed, McDonnell, IBM and Ford**
3. What happened in the 1980’s that made CAD programs more accessible to the general public? **In the 1980’s, improvements in computer hardware brought the power of mainframes to the desktop at less cost and more availability to the general public.**
4. Explain what is meant by **Feature Based Parametric Modeling**. **Parametric Modelling automates the design and revision procedures by the use of parametric features – that is, features that are controlled by “parameters”. Parametric features control the model geometry by the use of design variables (constraints, dimensions, and feature variables)**
5. What is the goal of **Adaptive Assembly**? **The goal of Adaptive Assembly is to improve the design process and allow the designer to Design the Way You Think.**
6. Explain the use of the **Left Mouse Button**. **The Left mouse button is used for most operations, such as selecting menus and icons, or picking entities. One click of the button is used to select, two clicks (double click) are used to execute commands.**
7. Explain the use of the **Right Mouse Button**. **The right mouse button is used to bring up additional available options. A single right click can also be used the same as the Enter key.**
8. Explain the use of the **Middle Mouse Button**. **The Middle Mouse button/wheel can be used to Pan or Zoom.**
9. What is the [Esc] (escape) key used for? **The Esc (Escape) key is used to cancel a command. Sometimes it may be necessary to press Esc twice to cancel a command – if the command has more than one option.**
10. In your own words, why is it important to use a “Projects Folder”? **A project folder holds all of the information, files, images and old versions of files used in a particular Project. It is the best way to stay organized while using Inventor.**