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Bezier curve

These curves are specified with boundary conditions, with a characterizing matrix or with blending function. A Bezier curve section can be fitted by any number of control points. The number of control points to be approximated & their relative position determine the degree of Bezier Polynomial.

B-spline curve

B-spline is a basis function that contains a set of control points. The B-spline curves are specified by Bernstein basis function that has limited flexibility. These curves can be used to construct blending curves.

Ans 3

Window	Viewport
The window defines a rectangular area in the World Coordinates. As well as window can be defined with the WINDOW statement. The window can be defined to be larger that the same size as and smaller than the actual range of the data values, thus depending on whether we want to show all of the data & only part of data.	The viewport can be defines in the normalized coordinates a rectangular area on the display device. Where the image of data appears. The viewport is defined with PORT commands. Thus we have the graph take up the entire display device & show it in only a portion, say the upper right part.