

## Q2: Properties of Bezier Curve

The curve generally follows the shape of the control polygon, which consists of the segments joining the control points. They always pass through the first and last control points. The convex hull property of a Bezier curve ensures that the polynomial curve follows the control points.

11 Hidden surface removal In 3-D computer graphic, hidden surface determination is the process of identifying what surfaces can be seen from a particular viewing angle.

12 Painter's algorithm It sorts all the polygons in a scene by their depth and then paints them in this order, farthest to closest.

It will paint over the parts that are normally not visible - thus solving the visible problem - at the cost of leaving painted invisible areas of distant objects.