

// Q. 2 //

(i) Ray tracing:

Ray tracing is a rendering technique for generating an image by tracing the path of light as pixels in an image plane and simulating the effects of its encounters with virtual objects.

(ii) Boolean operation:

on polygons are a set of operation on one or more sets of polygons in computer graphics.

iii) These sets of operation are widely used in Computer graphics, CAD, and in integrated circuit physical design and verification.