

## Section-5

Q1. Ans:- Electrical discharge machining is a machining method primarily used for hard metal or those that would be very difficult to machine with traditional techniques. EDM typically work with material that are electrically conductive, although methods have also been proposed for using EDM to machine insulating ceramics.

\* Abrasive jet machining: also known as abrasive micro-blasting, pencil blasting and micro-abrasive blasting, is an abrasive blasting machining process that uses abrasives propelled by a high velocity gas to erode material from the workpiece.

\* Ultrasonic machining: or strictly speaking the ultrasonic vibration machining, is a subtraction manufacturing process that removes material from the surface of a part through high frequency, low amplitude vibration of a tool against the material surface in the presence of fine abrasive particles.