

## Section - 3

Q. 4 → What is shearing and forming in manufacturing? Define the term joining in manufacturing.

Ans:- Forming and shearing:- Some of the commonly used forming processes in the manufacturing industry are: forging, rolling, extrusion

Shearing:- Shearing, also known as die cutting, is a process which cuts stock without the formation of chips or the use of burning or melting.

Joining:- Joining is one of the manufacturing processes by which two or more materials can be permanently or temporarily joined or assembled together with or without the application of external element in order to form a single unit.

Some of the commonly used joining processes

- ① Welding
- ② Soldering
- ③ Brazing
- ④ Fasteners
- ⑤ Adhesive bonding