

**Press tools  
Important 10 Mark question**

**Unit I**

1. Explain the construction and working principle of a double action press.
2. List out the press working operation for producing blanks and explain each.

**Unit II**

1. Draw and explain the construction of a blanking tool.
2. Explain in detail the various types of ejection mechanisms used in presses.

**Unit III**

1. Explain the construction of embossing die with a sketch.
2. Sketch and explain in detail the methods of overcoming spring back.

**Unit IV**

1. Sketch and explain marform process in detail.
2. Explain the construction and working principle of inverted draw die.

**Unit V**

1. Explain the construction and working principle of compound die tooling system with fixed punch.
2. Explain the construction, advantage and applications of CNC turret press.