

- Q.4 What is the purpose of jig.
- a) To hold the job
 - b) To guide the cutting tool
 - c) To hold and locate the workpiece
 - d) To hold, locate and guide the cutting tool
- Q.5 Shearing the sheet in to two or more pieces is known as .
- a) Perforating b) Parting
 - c) Notching d) Lancing
- Q.6 Removing the pieces from the edge in shearing operation.
- a) Drawing b) Notching
 - c) Forging d) Erasing

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Define fixture.
- Q.8 Expand CAD.
- Q.9 Name two drawings norms for press tool.
- Q.10 What is stripping force.

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- Q.11 Write two applications of progressive die.
- Q.12 Define mass production.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Write the basic principle of drawing layout for press tool.
- Q.14 Define CAD software for design and explain 2D drawing for the press tool.
- Q.15 Explain the methods for strip layout.
- Q.16 What is bending, how locating element effect on the bending operation.
- Q.17 What is press tool, explain the different elements used in the press tool.
- Q.18 Explain the notching and trimming operation with diagram.
- Q.19 Give difference between Interchangeability and standardization.
- Q.20 What is the main application of press, explain any one press with detail.
- Q.21 Write a short note on maintenance of press tool.
- Q.22 Explain Taylor's principle for designing limit gauges.

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