

Design for Manufacturing & Assembly
(MEPA11183B.)

Q.1 a) Advⁿ & reasons (3)

b) Comment & ~~(2)~~ & explanation (3)

Q.2 a) Comment (3)

b) Comment (3)

Q.3 a) Comment (2)

b) Comment (2)

Q.4 a) strip layout (1) punch & die dim^s (2) centre of pressure (2) Force (1)

b) process variations (2), quality issue (2)

c) friction factor (2), explain (2)

Q.5 a) Ram pressure at 75 (2), at 50mm (2) and at 25 (1) and at 0 (1)

b) state (2), guidelines (2)

c) design guidelines (2) factors (2)

Q.6 a) arc length (6)

b) EB4 (2) LBM (2)

c) Adhesive bonding (4)

- b) comment (4)
c) Design recommendations (4)

Q. 8. 9) Temp (2), Radiat pressure (2), stress (2)

- b) Important principles (4)
- c) Eylelets & tubular drive (4)

Q.9.9) General principles & guidelines (4)

- b) Brekling (6)
- c) Difference (6)