

QUESTION BANK UNIT TEST 2 TEN (22565)

ME5I

UNIT 4. (CO6)

1. Explain with neat fig. Jig and Fixture
2. Explain difference between Jig and Fixture.
3. State and Explain any type of drilling Jig.
4. Explain with neat fig. milling fixture.
5. Draw neat figure and State different of jig and fixture .

UNIT 5. (CO6)

1. Explain press working and highlight main features of press.
2. State and explain different press working operations.
3. State with neat fig general elements of press tool.
4. State and explain any type of press toll with neat fig.
5. Explain with neat fig press shut height.
6. Explain center of pressure and state formulas to calculate it.
7. Define die clearance and state its importance.
8. State and explain any method to reduce cutting force.
9. Explain with neat fig. scrap tool layout.
10. Explain with example how to calculate percentage of utilization
11. State and explain any type of cutting dies.
12. State the function of stock stops, pilots, stripper and knockouts.

UNIT 6. (CO6)

1. Define the following i) Bend allowance ii) Angle of bend iii) Set back.
2. State and explain any type of bending.
3. State and explain any type of forming dies.
4. A shell having 32 mm dia. and 108 mm height with a wall thickness 0.8 mm is to be mfg. from 1.1 mm thick metallic sheet calculate blank dia. 1). With considering the thickness and 2). Without considering the thickness
5. List different factors which affect Drawing.
6. Define Spring back and list the factors on which spring back depends.