

Q.7 Explain the working of pressure die casting in detail.

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SECTION-B

Note: Short answer type questions. Attempt all parts
2x30=60

Q.8 i) Give design considerations of forging tools such as fuller, edger, bender, blocker and finisher.

or

ii) Explain the design procedure of cold forging with the help of neat sketch.

Q.9 i) Explain the design procedure of closed die forging with the help neat sketch.

or

ii) Explain the various equipments of forging. Also give features of forging die.

6th Sem. / T&D

Subject : Forge Casting Dies- Design & Drg.

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Attempt any 4 parts. (4x10=40)

Q.1 Explain the working of cupola furnace with the help of neat diagram.

Q.2 Explain the working of centrifugal casting in detail. Also give advantages, Disadvantages and applications of a centrifugal casting.

Q.3 Explain forging operation in detail. Also give advantages and disadvantages of it.

Q.4 Differentiate between open die forging and close die forging process in detail.

Q.5 Explain main parts of a gravity die casting with the help of neat diagram.

Q.6 Explain maintenance and storage procedure of forging die tools.

(240)

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