

QUESTION BANK UNIT TEST 2 MPR(312313)

UNIT – III **Casting Processes (CO3)**

(2. Marks)

1. State advantage of casting process.
2. State different steps in casting process.
3. State different materials used for pattern.
4. State any four colour codes used on pattern.
5. Write causes and remedies of blow hole defect in casting

(4.Marks)

1. Explain any two types of pattern.
2. Explain different allowance provided on pattern
3. Give classification of moulding sand.
4. Give properties of moulding sand.
5. Write name of different types of patterns.
6. Write four required properties of moulding sand
7. Write any four casting defects and write its. causes and remedies.
8. Explain centrifugal casting with figure.

UNIT- IV Forming Processes (CO4)

(2.Marks)

1. Define forging.
2. Name the product of forging
3. Give principal of rolling
4. Name different types of rolling mills.

(4. Marks)

1. Differentiate between hot and cold forging.
2. Explain four high roll mill with a neat sketch.
3. Compare hot rolling and cold rolling.
4. What is rolling ? What are different types of rolling? What are its applications?

5. With neat sketch explain upset forging operation
6. Explain the open die forging with neat sketch.
7. Explain punching and blanking with neat sketch figure.

UNIT – V Metal Joining Processes (CO5)

(2.Marks)

1. How welding processes are classified?
2. State advantages of welding process.
3. What are different types of flames used in gas welding?
4. Give working principle of brazing.
5. Give application of soldering.

(4. Marks)

1. Differentiate between TIG and MIG
2. State defects observed in welding.
3. Differentiate between soldering and brazing.
4. Write different welding defects and their causes in detail.
5. Explain various oxy-acetylene gas flames with neat sketch.