

# Question Bank

**Subject-MANUFACTURING PROCESSES [MPR]**

**Subject Code-22446**

**Semester- IV**

**Scheme- I**

## **Chapter No. 3 Casting process and Plastic Moulding**

**2 Marks**

- 1) What is plastic?
- 2) Write Difference between Thermoplastic and Thermosetting Plastic.
- 3) Application of Calendering Process.

**4 Marks**

- 1) Explain the working of principle of compression moulding used for forming of plastics.
- 2) Explain with neat sketch 'Injection moulding' Give its advantages and disadvantages.
- 3) What is calendring operation in plastic processing? Explain with sketch.

## **Chapter No. 4 Forming Process**

**2 Marks**

- 1) Define forging. state its types
- 2) Differentiate between open die and closed die forging
- 3) State any four application of rolling
- 4) State application of extrusion process

**4 Marks**

- 1) Explain Direct extrusion process
- 2) Explain upset forging operation
- 3) State various forging operation and explain any one with sketch.
- 4) Explain two roll mill with neat sketch
- 5) Explain drop forging? Explain

## **Chapter No. 5 Joining Process.**

### **2 Marks**

- 1) Define Welding**
- 2) Write advantages disadvantages and application of welding.**
- 3) Classify the welding process.**
- 4) Compare TIG and MIG Welding**
- 5) Give Practical application of spot welding**

### **4 Marks**

- 1) Define welding process and state any four.**
- 2) Explain TIG welding with neat sketch.**
- 3) Explain MIG welding with neat sketch.**
- 4) Write a short note on : Plasma arc welding (PAW)**
- 5) Explain Projection welding with sketch.**
- 6) Explain LBW (Laser Beam Welding) with neat sketch**
- 7) write any four welding defects and explain why they occur.**