DIPLOMA IN ELECTRONICS (ROBOTICS) / MECHATRONICS ENGINEERING

CENTRALIZED QUESTION BANK

4047640 - CNC PRACTICAL

DIRECTORATE OF TECHNICAL

EDUCATIONGOVERNMENT OF

TAMILNADU

DIPLOMA END SEMESTER / YEAR EXAMINATION – 2023

Course : Electronics (Robotics) / Mechatronics Engineering

Subject : CNC Practical   **QP Code :** 4047640

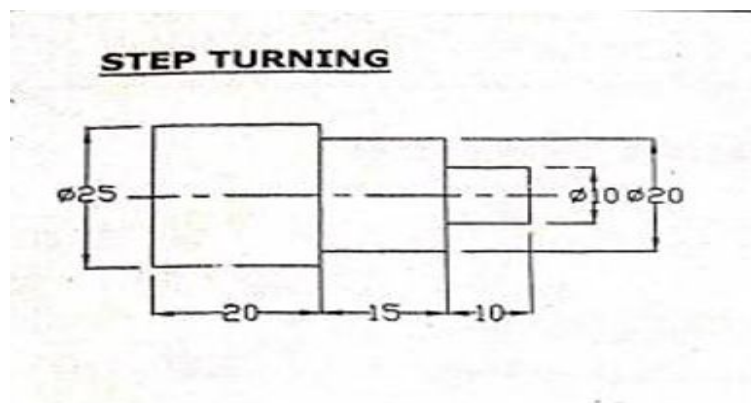**Time   : 3 Hours   Date :**   **Session:**   **Max Marks:** 100
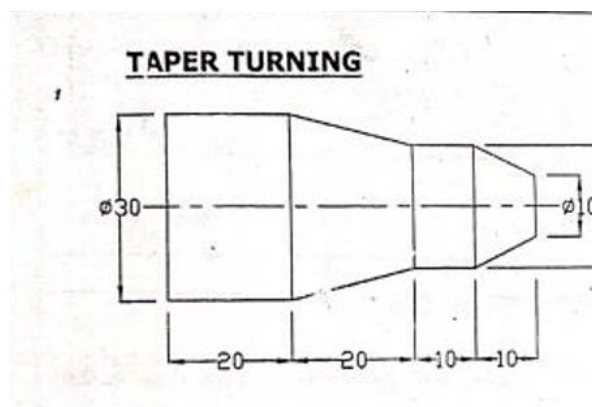
Answer the Following Question

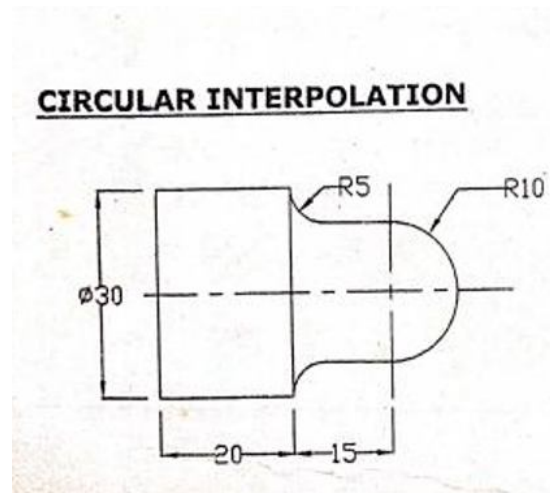**Exercise Practice CNC Lathe**
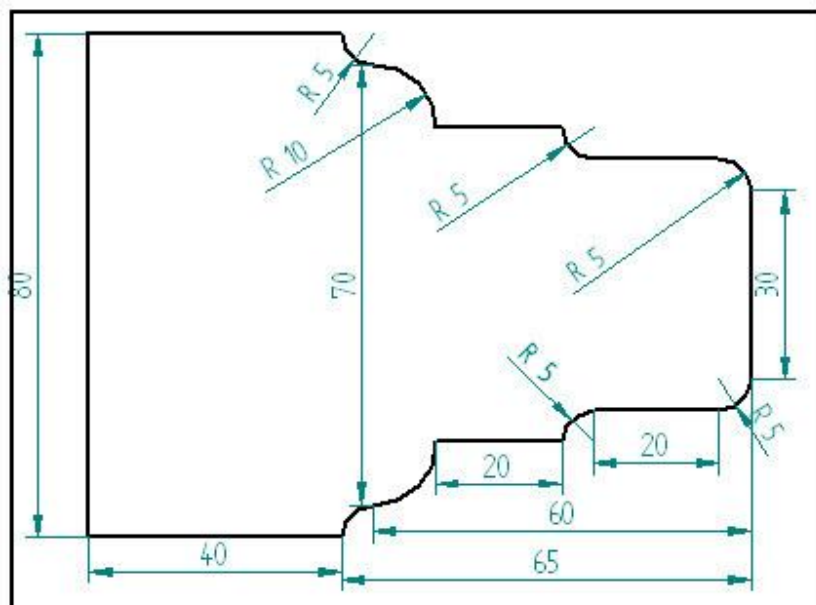
1.   Simulate and Produce a part for step turning.

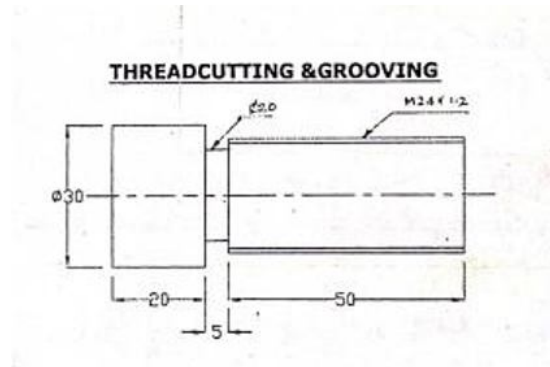2.   Simulate and Produce a part for taper turning

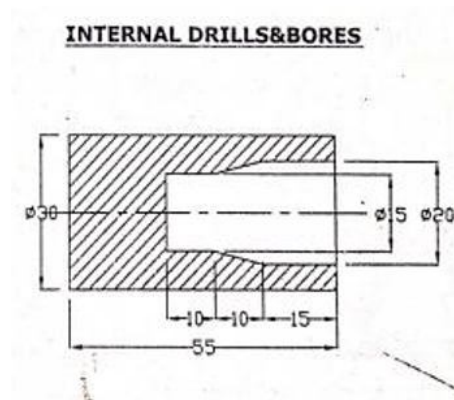3.   Simulate and Produce a part for circular interpolation

CIRCULAR INTERPOLATION

4.   Simulate and Produce a part for multiple turning operation

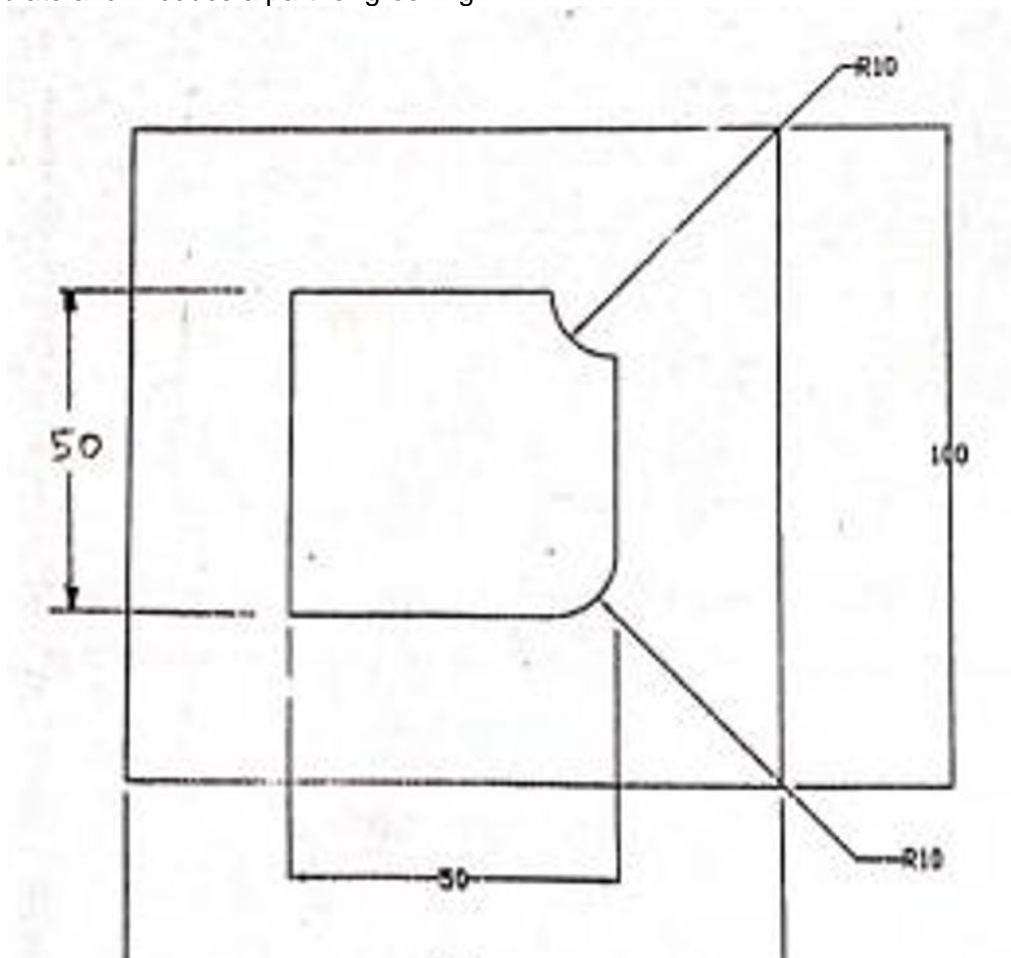5.　　　　Simulate and Produce a part for thread cutting and grooving

THREADCUTTING &GROOVING

6.　　　　Simulate and Produce a part for internal drills and boring

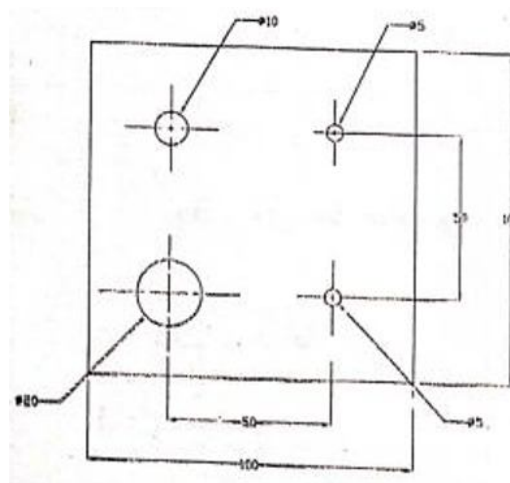**INTERNAL DRILLS&BORES**
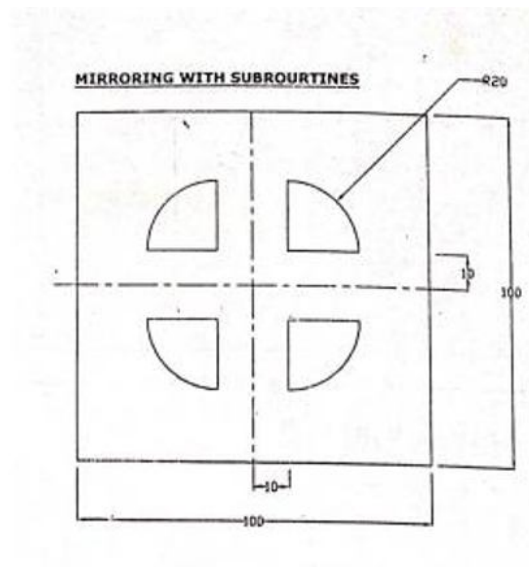
CNC Milling

1.   Simulate and Produce a part for grooving

2.   Simulate and Produce a part for drilling

3.   Simulate and Produce a part for mirroring with subroutine

4.   Simulate and Produce a part for rectangular and circular pocketing