

## Unit-2

### Drilling and Boring Machines

1. The primary purpose of a drilling machine is to:
  - A) Produce threads
  - B) Make holes
  - C) Grind surfaces
  - D) Cut gears
  
2. The cutting tool used in a drilling machine is called:
  - A) Reamer
  - B) Tap
  - C) Twist Drill
  - D) Boring Bar
  
3. Which part of a drill machine holds the drill bit?
  - A) Chuck
  - B) Column
  - C) Base
  - D) Table
  
4. The point angle of a standard twist drill is approximately:
  - A) 60°
  - B) 90°
  - C) 118°
  - D) 150°
  
5. Enlarging an existing hole accurately is called:
  - A) Tapping
  - B) Boring
  - C) Knurling
  - D) Shaping
  
6. Which machine is mainly used for producing large and accurate holes?
  - A) Lathe
  - B) Shaper
  - C) Boring Machine
  - D) Grinder

7. The operation of producing internal threads is called:

- A) Reaming
- B) Tapping
- C) Boring
- D) Counterboring

8. Reaming is performed to:

- A) Create a new hole
- B) Increase surface roughness
- C) Improve hole size and finish
- D) Cut external threads

9. Counterboring is done to:

- A) Reduce hole diameter
- B) Enlarge the top portion of a hole
- C) Cut threads
- D) Remove burrs only

10. The spindle of a drilling machine provides:

- A) Cooling
- B) Rotation to the drill
- C) Lubrication
- D) Clamping force

Answer: B) Rotation to the drill

**fill in the Blanks**

1. The machine used to produce circular holes is called a \_\_\_\_\_ machine.
2. The most commonly used drill is the \_\_\_\_\_ drill.
3. The standard point angle of a twist drill is \_\_\_\_\_ degrees.
4. The operation of enlarging an existing hole is called \_\_\_\_\_.
5. Internal threads are produced by the \_\_\_\_\_ operation.
6. The process used to improve the accuracy of a drilled hole is \_\_\_\_\_.
7. The drill bit is held in a \_\_\_\_\_.
8. The rotating component of a drilling machine is called the \_\_\_\_\_.
9. Counter boring produces a \_\_\_\_\_-bottom recess around a hole.
10. A boring machine is used for machining \_\_\_\_\_ holes.