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**Siromonipur, Bishnupur, Bankura, 722122 (W.B.)**



## **QUESTION BUNCH OF DRILLING**

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### **Multiple Choice Questions (MCQ) on Drilling**

**1-Which of the following is not a part of Drilling machine?**

- (A) Spindle
- (B) Head
- (C) Column
- (D) Mandrel

**2-Which of the following drilling machine can rotate in all three axis (x, y and z)?**

- (A) portable drilling machine
- (B) radial drilling machine
- (C) pillar type drilling machine
- (D) all of the above

**3-Which of the following drilling machine is suitable for a job with multiple hole**

- (A) portable drilling machine
- (B) radial drilling machine
- (C) gang drilling machine
- (D) all of the above

**4-Following drilling machine can drill numbers of workpiece at a time**

- (A) gang drilling machine
- (B) pillar type drilling machine
- (C) multi station drilling machine
- (D) all of the above

**5-\_\_ is provided in drill for the passage of chips and cutting fluid.**

- (A) shank
- (B) flutes
- (C) tang
- (D) clearance

**6-Following drills are made of one piece of material.**

- (A) composite drills
- (B) tipped solid drills
- (C) solid drills
- (D) all of the above

**7-Back taper is a**

- (A) slight decrease in diameter from front to back in the body of the drill
- (B) slight decrease in diameter from back to front in the body of the drill
- (C) slight decrease in diameter from front to back in the shank of the drill
- (D) slight decrease in diameter from back to front in the shank of the drill

**8-The failure of chips to pass through the flute during cutting action is called**

- (A) built up edge
- (B) chip packing
- (C) chipping
- (D) none of the above

**9-The space provided to eliminate undesirable contact between the drill and the workpiece.**

- (A) clearance
- (B) clearance diameter
- (C) cutter sweep
- (D) none of the above

**10-The angle between the leading edge of the land and the plane containing the axis of the drill is called**

- (A) helix angle
- (B) lip relief
- (C) lip relief angle
- (D) none of the above

**11-The central portion of the tool by which it is held or driven is called**

- (A) shank
- (B) tongue
- (C) body
- (D) none of the above

**12-The rate at which the drill advances into the material, generally measured in distance per flute is called**

- (A) depth of cut
- (B) feed
- (C) speed
- (D) thrust

**13-The value (optimum) of helix angle in a drill is**

- (A) 15°
- (B) 30°
- (C) 45°
- (D) 60°

**14-The point angle in a standard ground drill is**

- (A)  $75^\circ$
- (B)  $90^\circ$
- (C)  $100^\circ$
- (D)  $118^\circ$

**ANSWERS:**

**1-(D), 2-(B), 3-(C), 4-(C), 5-(B), 6-(C), 7-(A), 8-(B), 9-(A), 10-(A), 11-(C), 12-(B), 13-(B), 14-(D)**