Study Guide - Drilling and Holemaking

Multiple Choice
Identify the choice that best completes the statement or answers the question.

____ 1. This type of hole intersects another hole within a workpiece.
   a. Through (thru) hole           c. Interrupted hole
   b. Blind hole                   d. Trepanned hole

____ 2. This type of hole typically is preferred due to its simplicity.
   a. Through (thru) hole           c. Interrupted hole
   b. Blind hole                   d. Trepanned hole

____ 3. On a twist drill, this feature allows a space for the chips to move out of the hole.
   a. Shank                        c. Flute
   b. Web                          d. Margin

____ 4. The twist drill is held and driven by the _______. These can be straight for use in collets or drill chucks, or tapered for mounting directly into machine spindles.
   a. Shank                        c. Flute
   b. Web                          d. Margin

____ 5. The _____ is the solid part of the drill bit along the axis of the tool.
   a. Shank                        c. Flute
   b. Web                          d. Margin

____ 6. This type of drill reduces the amount of material that must be removed. Only cuts a ring of material out. Lasers drill by this method.
   a. Center drill                c. Spade drill
   b. Trepans                     d. Twist drill

____ 7. For long holes such as those found in gun bores, _______ drills are used. The length of the hole requires that coolant be delivered through the shaft of the drill to the cutting front.
   a. Trepans                     c. Military
   b. Gun                         d. Spade

____ 8. Periodically withdrawing the drill to clear chips is called:
   a. Stepping                     c. Burnishing
   b. Pecking                     d. High speed drilling