

ITI Quiz - 05-Jun-2026

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Q. ID: ITISKILL6116UO

June 2026

Answer Key

Duration: 30 Mins

Total Marks: 29

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1. What is the name of the angle between the cutting edges in a drill?

- A) Rake angle
- B) Helix angle
- C) Point angle
- D) Clearance angle

Answer: C) Point angle

2. What is the formula for calculating the drill size for reaming?

- A) Drill size=Reamed size-(Under size +over size)
- B) Drill size=Reamed size-(Under size x over size)
- C) Drill size=Reamed size+(Under size + over size)
- D) Drill size=Reamed size-(Under size-over size)

Answer: A) Drill size=Reamed size-(Under size +over size)

3. Which angle of drill bit prevents the friction behind the cutting edge?

- A) Clearance angle
- B) Helix angle
- C) Rake angle
- D) Point angle

Answer: A) Clearance angle

4. What will be the effect on the hole if worn out reamer is used?

- A) Oversize
- B) Normal size
- C) Undersize
- D) Correct size

Answer: C) Undersize

5. Which type of the tap wrench prevent damage to the taps?

- A) Pipe wrench
- B) Tension wrench
- C) Solid wrench
- D) Torque wrench

Answer: C) Solid wrench

6. Which type of abrasive removes heavy stock of material?

- A) Boron carbide
- B) Aluminium oxide
- C) Emery sheet
- D) Silicon carbide

Answer: D) Silicon carbide

7. Which tap in a set have 4 Degree chamfer at its end?

- A) Plug tap
- B) Bottoming tap
- C) Taper tap
- D) Intermediate tap

Answer: C) Taper tap

8. Which process improves the sealing between the mating parts?

- A) Reaming
- B) Filling

C) Lapping

D) Grinding

Answer: C) Lapping

9. Which taper used in the drilling machine?

- A) Metric taper
- B) Brown and sharp taper
- C) Pin taper
- D) Moarse taper

Answer: D) Moarse taper

10. Which is the hardest abrasive material?

- A) Diamond
- B) Boron carbide
- C) Aluminium oxide
- D) Silicon carbide

Answer: A) Diamond

11. Which drilling machine is used to drill multiple holes in one setting of work?

- A) Radial drilling machine
- B) Column drilling machine
- C) Pillar drilling machine
- D) Hand drilling machine

Answer: A) Radial drilling machine

12. Which is used to hold the die?

- A) Chuck
- B) Stock
- C) Spanner
- D) Wrench

Answer: B) Stock

13. What is the selection of a tap drill size?

- A) Major Diameter + Pitch
- B) Major Diameter x Pitch
- C) Major Diameter / Pitch
- D) Major Diameter - Pitch

Answer: D) Major Diameter - Pitch

14. What is the reason for weak cutting edge of twist drill?

- A) Clearance angle is too small
- B) Lib angle is too small
- C) Clearance angle is too high
- D) Lib angle is too high

Answer: C) Clearance angle is too high

15. Which drilling machine used to drill small dia holes upto 6 mm?

- A) Bevel gear hand drill
- B) Pneumatic hand drill
- C) Electric hand drill heavy duty
- D) Electric hand drill light duty

Answer: A) Bevel gear hand drill

16. Which part of drill forms a cutting edge?

- A) Land
C) Flute
- B) Body
D) Point

Answer: C) Flute

17. Which part of drill separates the flutes?

- A) Web
C) Land
- B) Lip
D) Cutting edge

Answer: A) Web

18. Which drilling machine achieves various spindle speed by changing the belt position?

- A) Column drilling machine
C) Radial drilling machine
- B) Sensitive bench drilling machine
D) Pillar drilling machine

Answer: B) Sensitive bench drilling machine

19. Which part of a drill is fitted on the machine?

- A) Shank
C) Body
- B) Flute
D) Point

Answer: A) Shank

20. Which type of vice is used to hold a job for drilling?

- A) Leg vice
C) Hand vice
- B) Machine vice
D) Bench vice

Answer: B) Machine vice

21. What is the purpose of reamer?

- A) drilling holes in thin sheets
C) removing burrs
- B) drilling deep holes
D) enlarging and finishing holes

Answer: D) enlarging and finishing holes

22. What is the material used in hand reamer?

- A) H. S.S
C) Mild steel
- B) Brass
D) Cast iron

Answer: A) H. S.S

23. Which tool is used to make external thread on the pipe?

- A) Drill
C) Tap
- B) Die
D) Reamer

Answer: B) Die

24. What is the unit of cutting speed?

- A) Centimetre per second
C) Meter per second
- B) Centimetre per minute
D) Meter per minute

Answer: D) Meter per minute

25. Which device is used to hold straight shank drill?

- A) Sleeve
C) Stock
- B) Socket
D) Chuck

Answer: D) Chuck

26. Which is the multipoint cutting tool?

- A) Reamer
C) Chisel
- B) Snips
D) Scraper

Answer: A) Reamer

27. What is the uses of hand tap?

- A) To make internal thread
C) To make enlarge hole
- B) To make external thread
D) To bevel at the hole end

Answer: A) To make internal thread

28. What is the reason for twist drill does not cut?

- A) Clearance angle is too high
C) Clearance angle is too small
- B) Rake angle is too high
D) Rake angle is too small

Answer: C) Clearance angle is too small

29. Which tool is used in to make internal threading in the component?

- A) Drill
C) Reamer
- B) Die
D) Tap

Answer: D) Tap