

# ITI Quiz - 05-Jun-2026

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Q. ID: ITISKILL6116UO

June 2026

Question Paper

Duration: 30 Mins

Total Marks: 29

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Student Name: \_\_\_\_\_ Roll No: \_\_\_\_\_

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

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

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

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

3. Which is the hardest abrasive material?

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

4. Which part of drill forms a cutting edge?

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

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

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

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

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

7. 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 light duty    D) Electric hand drill heavy duty

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

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

9. Which taper used in the drilling machine?

- A) Metric taper    B) Pin taper

- C) Brown and sharp taper    D) Moarse taper

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

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

11. Which is the multipoint cutting tool?

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

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

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

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

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

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

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

15. What is the material used in hand reamer?

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

16. What is the uses of hand tap?

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

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

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

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

- A) Pillar drilling machine    B) Hand drilling machine

C) Radial drilling machine      D) Column drilling machine

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

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

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

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

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

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

22. Which is used to hold the die?

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

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

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

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

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

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

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

26. What is the purpose of reamer?

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

27. What is the unit of cutting speed?

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

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

- A) Filling      B) Reaming  
C) Lapping      D) Grinding

29. Which part of drill separates the flutes?

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