

ITI Quiz - 21-Apr-2026

02:33 PM

Q. ID: ITISKILL07006Q

October 2025

Question Paper

Duration: 30 Mins

Total Marks: 30

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Student Name: _____ Roll No: _____

1. Which part of vernier caliper used to measure internal and external measurement?

- A) Fixed jaw
- B) Movable jaw
- C) Sliding unit
- D) Beam

2. Which material used in the outside micrometer anvil?

- A) Bronze
- B) Carbon
- C) Brass
- D) Carbide

3. Which marking media is poisonous?

- A) Copper sulphate
- B) Cellulose lacquer
- C) Prussian blue
- D) White wash

4. What is the angle of prick punch?

- A) 180 Degree
- B) 90 Degree
- C) 120 Degree
- D) 60 Degree

5. What is the smallest possible measurement that can be taken with the depth micrometer?

- A) 0.01 mm
- B) 0.001 mm
- C) 0.002 mm
- D) 0.02 mm

6. Which part actuates the movement of the dial for reading measurement of dial bore gauge?

- A) Stem
- B) Plunger
- C) Centring shoe
- D) Fixed anvil

7. What is the purpose of the eye hole in an hammer?

- A) Reduce the weight
- B) Stamp the details
- C) Strike the job
- D) Fix the handle

8. What is to be checked with vacuum gauge?

- A) Leak in the hydraulic brake system
- B) Leak in the inlet-manifold system
- C) Leak in the air brake system
- D) Leak in the cooling system

9. Which marking device used to scribe circle?

- A) Inside caliper
- B) Out side caliper
- C) Spring divider
- D) Jenny caliper

10. Which instrument is used to check the right angle?

- A) Firm joint caliper
- B) Try square
- C) Spring Joint caliper
- D) Steel rule

11. What is the least count of the metric outside micrometer?

- A) 0.0001 mm
- B) 0.10 mm
- C) 0.01 mm
- D) 0.00001 mm

12. What is the basic unit of length as per SI unit?

- A) mm
- B) cm
- C) meter
- D) km

13. What is the least count of vernier caliper in metric system?

- A) 0.1 mm
- B) 0.02 mm
- C) 0.01 mm
- D) 0.001 mm

14. Which can be measured by feeler gauge?

- A) Screw pitch
- B) Gap between mating parts
- C) Radius
- D) Surface roughness

15. What is the point angle of centre punch?

- A) 60 Degree
- B) 45 Degree
- C) 90 Degree
- D) 30 Degree

16. Which measuring instrument used to measuring inside, outside and depth of work piece?

- A) Steel rule
- B) Micrometer
- C) Dial caliper
- D) Vernier caliper

17. Which type of chisel used for squaring material at the corners?

- A) Cross cut chisel
- B) Half round chisel
- C) Flat chisel
- D) Diamond point chisel

18. What is the Purpose of chisel?

- A) Chipping
- B) Machining
- C) Reaming
- D) Grinding

19. What is the use of a bench vice?

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|--------------------|-------------------------|
| A) To hold a chuck | B) To hold a work piece |
| C) To hold a tool | D) To hold a work table |

20. Which instrument used to read the telescopic gauge measurement?

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|----------------------|------------------------------------|
| A) Inside micrometer | B) Outside micrometer |
| C) Depth micrometer | D) Three point internal micrometer |

21. What is the purpose of mallets?

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|-------------------------|----------------------------------|
| A) Riveting operation | B) Strike on soft metal |
| C) Strike on hard metal | D) Spread the metal to all sides |

22. What is the measuring instrument used to measure diameter of a piston pin?

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|--------------------------------|----------------------|
| A) 3 point internal micrometer | B) Depth micrometer |
| C) Outside micrometer | D) Inside micrometer |

23. Which chisel is used to remove metal from large flat surface?

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|---------------------------|---------------------|
| A) Diamond point chisel | B) Flat chisel |
| C) Half round nose chisel | D) Cross cut chisel |

24. Which instrument is used to check the end-play of crank shaft?

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| A) Bore dial gauge | B) Dial test indicator |
| C) Slip gauge | D) Telescopic gauge |

25. What is the material used to make Allen keys?

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|---------------------|--------------------------|
| A) Aluminium alloy | B) Cast iron |
| C) High speed steel | D) Chrome vanadium steel |

26. Which is the fixed measuring face of micrometer?

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| A) Barrel | B) Spindle |
| C) Thimble | D) Anvil |

27. Which instrument is used to measure the diameter of cam shaft journals?

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|------------------------------------|-----------------------|
| A) Depth micrometer | B) Outside micrometer |
| C) Three-point internal micrometer | D) Inside micrometer |

28. Which marking media used to mark in the finished surfaces?

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|--------------------|----------------------|
| A) Copper Sulphate | B) Cellulose lacquer |
| C) Prussian blue | D) White wash |

29. What is the value of one thimble division reading in outside micrometer?

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|------------|------------|
| A) 0.02 mm | B) 0.01 mm |
| C) 0.05 mm | D) 0.03 mm |

30. Which part ensures uniform pressure on the measuring faces in the outside micrometer?

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|-----------------|------------|
| A) Ratchet stop | B) Thimble |
| C) Barrel | D) Spindle |