

ITI Quiz - 11-Jun-2026

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Q. ID: ITISKILL3502ZM

June 2026

Government iti holenarasipura

Answer Key

Duration: 30 Mins

Total Marks: 28

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1. What is used to measure different holes accurately with bore dial gauge?

- A) Centering shoes
- B) Inter changeable measuring rods
- C) Graduations on the dial
- D) Sliding plunger

Answer: C) Graduations on the dial

2. How many sets available in telescopic gauge?

- A) 6
- B) 5
- C) 10
- D) 8

Answer: A) 6

3. What types of gear is are in automotive differential gear boxes?

- A) Rack and Pinion gear
- B) Angular gear
- C) Hypoid gear
- D) Worm and Worm gear

Answer: C) Hypoid gear

4. How to set the zero before taking the measurement in micrometer?

- A) Angle gauges
- B) Use vernier micrometer
- C) Use micrometer
- D) Setting rings and Slip gauge

Answer: D) Setting rings and Slip gauge

5. What is the height of tooth in spur gear?

- A) Addendum + Dedendum
- B) 2 x Addendum
- C) Addendum
- D) Dedendum

Answer: A) Addendum + Dedendum

6. How can you check the width of keyways?

- A) Out side micrometer
- B) Vernier caliper inner jaw
- C) Depth micrometer
- D) Bore dial gauge

Answer: B) Vernier caliper inner jaw

7. What is the definition of 'GD and T'?

- A) Geometrical Deviations and Tolerances
- B) Geometrical Dimensioning and Tolerances
- C) Geometrical Drawing and Tolerances
- D) Geometrical Drawing and Techniques

Answer: B) Geometrical Dimensioning and Tolerances

8. Which letter used for represent for datum for indicating geometrical tolerance?

- A) B
- B) A
- C) M
- D) G

Answer: B) A

9. What is the accuracy of depth micrometer?

- A) 0.01 mm
- B) 0.5 mm
- C) 0.05 mm
- D) 0.001 mm

Answer: A) 0.01 mm

10. What is the use of thread ring gauge?

- A) Check the thread length
- B) Check the external thread
- C) Check the internal thread
- D) Check the internal diameter

Answer: B) Check the external thread

11. Which type of group the squarness comes under in geometrical tolerance?

- A) Datum line
- B) Form
- C) Location
- D) Attitude

Answer: D) Attitude

12. What is the uses of screw thread micrometer?

- A) Measure thickness of threads
- B) Measure pitch diameter
- C) Measure major diameter
- D) Measure minor diameter

Answer: B) Measure pitch diameter

13. What is the shape of angle gauge?

- A) Cylinder
- B) Square
- C) Rectangle
- D) Wedge

Answer: D) Wedge

14. How much tolerance is maintained to make gauges comparing job tolerance?

- A) One - Fifth
- B) One - Hundredth
- C) One - Tenth
- D) One - Eight

Answer: C) One - Tenth

15. Which type of micrometer designed to measurement of longer internal length?

- A) Stick micrometer
- B) External micrometer
- C) Inside micrometer
- D) Outside micrometer

Answer: A) Stick micrometer

16. Which work holding device is used for profile milling of cam?

- A) Swivel base vice
- B) Fitting vice
- C) Bolt and Nuts
- D) Circular table attachment

Answer: D) Circular table attachment

17. What is the pitch of spindle screw in depth micrometer?

- A) 0.05 mm
- B) 0.5 mm
- C) 0.001 mm
- D) 0.01 mm

Answer: B) 0.5 mm

18. How much depth cut is applied to finish cut in slot milling?

- A) 0.5 to 1.0 mm
- B) 0.4 to 0.5 mm
- C) 0.5 to 0.75 mm
- D) 0.6 to 0.8 mm

Answer: B) 0.4 to 0.5 mm

19. Which type of milling machine is used for spot facing?

- A) Planetary milling machine
- B) Horizontal miling machine
- C) Pantograph milling machine
- D) Vertical milling machine

Answer: D) Vertical milling machine

20. How to identify and indicate the geometrical tolerance?

- A) Decimals
- B) Numbers
- C) Alphabets
- D) Symbols

Answer: D) Symbols

21. Which mechanism used to rotate the circular table?

- A) Pawl and Ratchet mechanism
- B) Rack and Pinion mechanism
- C) Worm and Worm wheel mechanism
- D) Bevel gear mechanism

Answer: C) Worm and Worm wheel mechanism

22. Which type of micrometer does not require zero error correction?

- A) Stick micrometer
- B) Tube micrometer

- C) Digital micrometer
- D) Ball micrometer

Answer: C) Digital micrometer

23. What is the use of telescopic gauge?

- A) To measure counter bore depth
- B) To measure size of hole slots and recesses
- C) To measure depth of holes
- D) To measure slot depth

Answer: B) To measure size of hole slots and recesses

24. What is the use of depth micrometer?

- A) Check the dia of holes
- B) Check the diameter of thin rods
- C) Check the width of slots
- D) Check the depth of blind holes

Answer: D) Check the depth of blind holes

25. What are the sizes available in telescopic gauges as per mitutyo series 155?

- A) 12 mm to 130 mm
- B) 20 mm to 175 mm
- C) 5 mm to 120 mm
- D) 8 mm to 150 mm

Answer: D) 8 mm to 150 mm

26. What is pitch of M12 tap?

- A) 1.25 mm
- B) 1.50 mm
- C) 1.75 mm
- D) 1.00 mm

Answer: C) 1.75 mm

27. What is the range of sizes in feeler gauges as per IS: 3179?

- A) 0.03 to 1.00 mm
- B) 0.02 to 0.75 mm
- C) 0.001 to 0.05 mm
- D) 0.01 to 0.3 mm

Answer: A) 0.03 to 1.00 mm

28. What is the unit of module in spur gear?

- A) Microns
- B) Millimeter
- C) Meter
- D) Centimeter

Answer: B) Millimeter