

ITI Quiz - 11-Jun-2026

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Q. ID: ITISKILL16691T

June 2026

Government iti holenarasipura

Answer Key

Duration: 30 Mins

Total Marks: 28

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1. What is the shape of angle gauge?

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

Answer: B) Wedge

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

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

Answer: D) 0.4 to 0.5 mm

3. What is the use of depth micrometer?

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

Answer: B) Check the depth of blind holes

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

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

Answer: A) Vertical milling machine

5. How to identify and indicate the geometrical tolerance?

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

Answer: B) Symbols

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

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

Answer: D) Geometrical Dimensioning and Tolerances

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

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

Answer: C) Circular table attachment

8. What is pitch of M12 tap?

- A) 1.25 mm B) 1.00 mm

- C) 1.50 mm D) 1.75 mm

Answer: D) 1.75 mm

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

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

Answer: C) 0.03 to 1.00 mm

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

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

Answer: C) Attitude

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

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

Answer: B) One - Tenth

12. What is the use of telescopic gauge?

- A) To measure counter bore 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

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

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

Answer: C) 0.5 mm

14. What is the use of thread ring gauge?

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

Answer: A) Check the external thread

15. How can you check the width of keyways?

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

Answer: A) Vernier caliper inner jaw

16. Which type of micrometer designed to measurement of

longer internal length?

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

Answer: D) Stick micrometer

17. What is the accuracy of depth micrometer?

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

Answer: C) 0.01 mm

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

- A) Ball micrometer
- B) Stick micrometer
- C) Digital micrometer
- D) Tube micrometer

Answer: C) Digital micrometer

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

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

Answer: D) Millimeter

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

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

Answer: D) Graduations on the dial

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

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

Answer: A) Setting rings and Slip gauge

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

- A) Angular gear
- B) Hypoid gear

- C) Worm and Worm gear
- D) Rack and Pinion gear

Answer: B) Hypoid gear

23. What are the sizes available in telescopic gauges as per mitutoyo series 155?

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

Answer: A) 8 mm to 150 mm

24. Which mechanism used to rotate the circular table?

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

Answer: D) Worm and Worm wheel mechanism

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

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

Answer: B) A

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

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

Answer: B) Addendum + Dedendum

27. What is the uses of screw thread micrometer?

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

Answer: C) Measure pitch diameter

28. How many sets available in telescopic gauge?

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

Answer: A) 6