

ITI Quiz - 11-Jun-2026

01:10 PM

Q. ID: ITISKILL16691T

June 2026

Government iti holenarasipura

Question Paper

Duration: 30 Mins

Total Marks: 28

ID: ITISKILL16691T

Student Name: _____ Roll No: _____

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

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

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

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

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

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

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

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

5. What is the accuracy of depth micrometer?

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

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

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

7. How can you check the width of keyways?

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

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

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

9. What is the shape of angle gauge?

- A) Rectangle
- B) Wedge

C) Cylinder

D) Square

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

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

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

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

12. How to identify and indicate the geometrical tolerance?

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

13. What is the uses of screw thread micrometer?

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

14. Which mechanism used to rotate the circular table?

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

15. What is the use of telescopic gauge?

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

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

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

17. How many sets available in telescopic gauge?

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

18. What are the sizes available in telescopic gauges as per Mitutoyo series 155?

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

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

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

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

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

21. What is pitch of M12 tap?

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

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

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

23. What is the use of thread ring gauge?

- A) Check the thread length
- B) Check the internal diameter

C) Check the external thread D) Check the internal thread

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

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

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

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

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

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

27. What is the use of depth micrometer?

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

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

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