

ITI Quiz - 11-Jun-2026

01:10 PM

Q. ID: ITISKILL3502ZM

June 2026

Government iti holenarasipura

Question Paper

Duration: 30 Mins

Total Marks: 28

ID: ITISKILL3502ZM

Student Name: _____ Roll No: _____

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

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

2. What is the shape of angle gauge?

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

3. 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

4. How to identify and indicate the geometrical tolerance?

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

5. 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

6. What is the use of telescopic gauge?

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

7. What is the use of thread ring gauge?

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

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

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

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

A) One - Eight

B) One - Tenth

C) One - Fifth

D) One - Hundredth

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

A) Outside micrometer

B) External micrometer

C) Stick micrometer

D) Inside micrometer

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

A) 2 x Addendum

B) Addendum + Dedendum

C) Addendum

D) Dedendum

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

A) Graduations on the dial

B) Centering shoes

C) Inter changeable measuring rods

D) Sliding plunger

13. How many sets available in telescopic gauge?

A) 10

B) 5

C) 6

D) 8

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

A) Fitting vice

B) Bolt and Nuts

C) Swivel base vice

D) Circular table attachment

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

A) 0.5 mm

B) 0.05 mm

C) 0.01 mm

D) 0.001 mm

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

A) Pantograph milling machine

B) Horizontal miling machine

C) Planetary milling machine

D) Vertical milling machine

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

A) Setting rings and Slip gauge

B) Use vernier micrometer

C) Use micrometer

D) Angle gauges

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

A) 8 mm to 150 mm

B) 20 mm to 175 mm

C) 12 mm to 130 mm

D) 5 mm to 120 mm

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

A) Geometrical Dimensioning and Tolerances

B) Geometrical Drawing and Techniques

C) Geometrical Drawing and Tolerances

D) Geometrical Deviations and Tolerances

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

A) 0.6 to 0.8 mm

B) 0.5 to 1.0 mm

C) 0.4 to 0.5 mm

D) 0.5 to 0.75 mm

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

A) Rack and Pinion gear

B) Hypoid gear

C) Worm and Worm gear

D) Angular gear

22. What is pitch of M12 tap?

A) 1.50 mm

B) 1.75 mm

C) 1.00 mm

D) 1.25 mm

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

A) Ball micrometer

B) Stick micrometer

C) Tube micrometer

D) Digital micrometer

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

A) Attitude

B) Datum line

C) Form

D) Location

25. What is the uses of screw thread micrometer?

A) Measure thickness of threads

B) Measure pitch diameter

C) Measure minor diameter

D) Measure major diameter

26. Which mechanism used to rotate the circular table?

A) Worm and Worm wheel mechanism

B) Rack and Pinion mechanism

C) Pawl and Ratchet mechanism

D) Bevel gear mechanism

27. How can you check the width of keyways?

A) Depth micrometer

B) Vernier caliper inner jaw

C) Out side micrometer

D) Bore dial gauge

28. What is the accuracy of depth micrometer?

A) 0.5 mm

B) 0.001 mm

C) 0.01 mm

D) 0.05 mm