

Student: Mylari M A
Score: 12/28 (42.86%)

Code: 6961

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

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

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

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

3. What is the accuracy of depth micrometer?

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

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

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

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

- A) 0.5 mm**
C) 0.01 mm (Incorrect)
B) 0.001 mm
D) 0.05 mm

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

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

7. What is pitch of M12 tap?

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

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

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

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

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

10. What is the use of telescopic gauge?

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

11. What is the use of thread ring gauge?

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

12. What is the shape of angle gauge?

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

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

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

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

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

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

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

16. How to identify and indicate the geometrical tolerance?

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

17. What is the use of depth micrometer?

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

18. Which mechanism used to rotate the circular table?

A) Rack and Pinion mechanism

B) Bevel gear mechanism
(Incorrect)

C) Pawl and Ratchet mechanism

D) **Worm and Worm wheel mechanism**

19. What is the uses of screw thread micrometer?

A) Measure major diameter

B) **Measure pitch diameter**

C) Measure minor diameter
(Incorrect)

D) Measure thickness of threads

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

A) External micrometer

B) Outside micrometer

C) Inside micrometer

D) **Stick micrometer (Correct)**

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

A) Use micrometer

B) Use vernier micrometer
(Incorrect)

C) **Setting rings and Slip gauge**

D) Angle gauges

22. How many sets available in telescopic gauge?

A) 8

B) 10 (Incorrect)

C) **6**

D) 5

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

A) 12 mm to 130 mm
(Incorrect)

B) 20 mm to 175 mm

C) 5 mm to 120 mm

D) **8 mm to 150 mm**

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

A) 0.001 to 0.05 mm

B) 0.01 to 0.3 mm

C) **0.03 to 1.00 mm (Correct)**

D) 0.02 to 0.75 mm

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

A) **One - Tenth (Correct)**

B) One - Fifth

C) One - Hundredth

D) One - Eight

26. 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 (Incorrect)

27. How can you check the width of keyways?

A) Depth micrometer

B) **Vernier caliper inner jaw (Correct)**

C) Out side micrometer

D) Bore dial gauge

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

A) Worm and Worm gear

B) Rack and Pinion gear

C) **Hypoid gear**

D) Angular gear (Incorrect)