

ITI Quiz - 04-Jun-2026

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Q. ID: ITISKILL9587AX

June 2026

Question Paper

Duration: 30 Mins

Total Marks: 33

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Student Name: _____ Roll No: _____

1. What is the purpose of angle plate?

- A) Machining
- B) Marking
- C) Grinding
- D) Polishing

- A) Double end spanner
- B) Ring spanner
- C) Adjustable spanner
- D) Hooks spanner

2. Which refers the size of hexagonal Allen key?

- A) Size of the diameter
- B) Size across the flat
- C) Size of the radius
- D) Size of the diagonal

10. What is the smallest reading of vernier caliper?

- A) Deviation
- B) Allowance
- C) Tolerance
- D) Least count

3. What is the purpose of the cross pein in the hammer?

- A) Fix the handle
- B) Spread the metal in one direction
- C) Strike the metal in all direction
- D) Strike the metal

11. What are the two instruments used to measure the warpage of the fly wheel?

- A) Steel rule, metal shim
- B) Straight edge, feeler gauge
- C) Wooden plank, metal shim
- D) Knife, wooden blank

4. Which measuring gauge needs to be set up to a fixed dimension before use?

- A) Depth gauge
- B) Dial bore gauge
- C) Dial test indicator
- D) Vernier dial gauge

12. How the hammers are specified?

- A) Metal and weight
- B) Size and shape
- C) Metal and shape
- D) Weight and shape

5. Which gauge is used to check the inflation of tyre?

- A) Pressure gauge
- B) Vacuum gauge
- C) Feeler gauge
- D) Wire gauge

13. Which plier used for bending narrow strips of thin metal sheet?

- A) Internal circlip plier
- B) Slip joint plier
- C) Round nose plier
- D) Flat nose plier

6. Which tool used to tighten the nuts and bolts at recommended tightness?

- A) Torque wrench
- B) Pipe wrench
- C) Stud wrench
- D) Adjustable wrench

14. What is flaring?

- A) Decreasing the diameter of a tube
- B) Increasing the diameter of a tube end
- C) Decreasing the length of a tube
- D) Increasing the length of a tube

7. Which instrument is used to check the run-out of crankshaft journals?

- A) Bore dial gauge
- B) Telescopic gauge
- C) Vernier gauge
- D) Dial test indicator

15. Which metal tube is used for single thickness flare?

- A) Brass
- B) Aluminium
- C) Bronze
- D) Copper

8. What is the use of ratchet stop in out side micro meter?

- A) Prevent speed
- B) Prevent load
- C) Prevent sliding
- D) Prevent excessive pressure

16. What is the distance covered by the spindle in one full rotation of thimble in outside micrometer?

- A) 1.5 mm
- B) 0.5 mm
- C) 1.0 mm
- D) 2 mm

9. Which spanner used for zero setting in outside micrometer?

17. Which screw driver is used in blind space?

- A) Ratchet screw driver
- B) Offset screw driver

C) Stumpy screw driver D) Philips screw driver

A) Cross cut chisel B) Flat chisel
C) Diamond point chisel D) Half round chisel

18. Which precision instrument used for taking external, internal and depth measurement?

A) Inside micrometer B) Depth micrometer
C) Vernier caliper D) Outside micrometer

26. What is the name of beveled graduated sleeve of outside micro meter?

A) Barrel B) Anvil
C) Spindle D) Thimble

19. Which hand tool used for circular cut in sheet metal work?

A) Combination plier B) Bend snip
C) Side cutting plier D) Straight snip

27. How the screw driver is specified?

A) Width and diameter of the edge B) Thickness and length
C) Shape and length D) Length of blade and width of tip

20. Which type of socket spanner can be turned to an angle?

A) Socket spanner B) Swivel socket spanner
C) Deep socket spanner D) Spark plug socket spanner

28. What is the purpose of half round chisel?

A) Cut excess metal B) Cut keyways
C) Squaring metal at corners D) Cut curved grooves

21. Which instrument used to check the piston ring end gap?

A) Pitch gauge B) Vernier gauge
C) Telescopic gauge D) Feeler gauge

29. Which one is the indirect measuring instrument?

A) Steel rule B) Inside caliper
C) Inside micrometer D) Outside micrometer

22. Which part of engine can be measured by dial gauge?

A) Piston B) Cylinder bore
C) Crank pin D) Gudgeon pin

30. Which instrument is used to check the right angle?

A) Firm joint caliper B) Try square
C) Spring Joint caliper D) Steel rule

23. What is the working principle of dial test indicator?

A) Linear motion into rotary motion B) Leverage motion
C) Spring motion D) Linear motion into reciprocating motion

31. Which is used for marking and setting of work?

A) Marking table B) Surface plate
C) Bench vice D) V- Block

24. Which gauge used to check the spark plug gap?

A) Telescopic gauge B) Pitch gauge
C) Feeler gauge D) Vernier gauge

32. Which gauge used to check leakage of inlet manifold?

A) Pressure gauge B) Feeler gauge
C) Vacuum gauge D) Emission gauge

25. Which type of chisel used to remove excess metal from welded joint?

33. What is the use of ball peen hammer head?

A) Spread the metal In all direction B) Strike soft metal
C) Stamp the specifications D) Strike the metal