

ITI Quiz - 04-Jun-2026

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Q. ID: ITISKILL9587AX

June 2026

Answer Key

Duration: 30 Mins

Total Marks: 33

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

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

Answer: A) Vacuum gauge

2. Which one is the indirect measuring instrument?

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

Answer: C) Inside caliper

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

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

Answer: B) Spread the metal in one direction

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

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

Answer: C) Straight edge, feeler gauge

5. How the hammers are specified?

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

Answer: B) Weight and shape

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

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

Answer: A) Torque wrench

7. Which screw driver is used in blind space?

- A) Stumpy screw driver B) Philips screw driver
C) Ratchet screw driver D) Offset screw driver

Answer: D) Offset screw driver

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

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

Answer: C) Feeler gauge

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

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

Answer: C) Copper

10. What is flaring?

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

Answer: A) Increasing the diameter of a tube end

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

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

Answer: C) Cylinder bore

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

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

Answer: B) Linear motion into rotary motion

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

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

Answer: B) Try square

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

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

Answer: A) Flat nose plier

15. What is the smallest reading of vernier caliper?

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

Answer: A) Least count

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

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

Answer: D) Dial test indicator

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

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

Answer: D) 0.5 mm

18. How the screw driver is specified?

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

Answer: A) Length of blade and width of tip

19. Which refers the size of hexagonal Allen key?

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

Answer: C) Size across the flat

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

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

Answer: C) Feeler gauge

21. What is the purpose of angle plate?

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

Answer: A) Marking

22. 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

Answer: B) Dial bore gauge

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

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

Answer: B) Hooks spanner

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

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

Answer: A) Prevent excessive pressure

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

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

Answer: D) Thimble

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

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

Answer: A) Pressure gauge

27. What is the use of ball pein hammer head?

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

Answer: C) Spread the metal In all direction

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

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

Answer: D) Flat chisel

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

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

Answer: C) V- Block

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

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

Answer: B) Swivel socket spanner

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

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

Answer: D) Bend snip

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

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

Answer: A) Vernier caliper

33. What is the purpose of half round chisel?

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

Answer: C) Cut curved grooves