

# ENGINEERING MEASUREMENTS

Q. ID: ITISKILL8141UJ

February 2026

Answer Key

Duration: 60 Mins

Total Marks: 33

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

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

**Answer: C) Flat chisel**

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

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

**Answer: B) Dial test indicator**

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

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

**Answer: A) Vacuum gauge**

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

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

**Answer: B) Feeler gauge**

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

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

**Answer: D) Spread the metal in one direction**

6. 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**

7. How the hammers are specified?

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

**Answer: D) Weight and shape**

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

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

**Answer: D) Torque wrench**

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

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

**Answer: C) Copper**

10. Which screw driver is used in blind space?

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

**Answer: B) Offset screw driver**

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

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

**Answer: A) Cylinder bore**

12. What is the purpose of half round chisel?

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

**Answer: C) Cut curved grooves**

13. What is the smallest reading of vernier caliper?

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

**Answer: C) Least count**

14. How the screw driver is specified?

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

**Answer: B) Length of blade and width of tip**

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

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

**Answer: C) Swivel socket spanner**

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

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

**Answer: A) Vernier caliper**

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

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

**Answer: C) Flat nose plier**

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

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

**Answer: D) Linear motion into rotary motion**

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

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

**Answer: C) Straight edge, feeler gauge**

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

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

**Answer: C) Spread the metal In all direction**

21. What is flaring?

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

**Answer: D) Increasing the diameter of a tube end**

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

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

**Answer: B) Hooks spanner**

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

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

**Answer: B) Feeler gauge**

24. Which refers the size of hexagonal Allen key?

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

**Answer: B) Size across the flat**

25. Which one is the indirect measuring instrument?

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

**Answer: D) Inside caliper**

26. What is the purpose of angle plate?

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

**Answer: B) Marking**

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

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

**Answer: A) Pressure gauge**

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

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

**Answer: A) Try square**

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

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

**Answer: A) Thimble**

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

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

**Answer: C) Dial bore gauge**

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

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

**Answer: A) V- Block**

32. 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

**Answer: D) Prevent excessive pressure**

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

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

**Answer: C) 0.5 mm**