

ENGINEERING MEASUREMENTS

Q. ID: ITISKILL8141UJ

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Question Paper

Duration: 60 Mins

Total Marks: 33

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Student Name: _____ Roll No: _____

1. Which screw driver is used in blind space?

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

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

2. Which one is the indirect measuring instrument?

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

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

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

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

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

11. What is the purpose of half round chisel?

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

4. 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) Knife, wooden blank D) Straight edge, feeler gauge

12. What is the smallest reading of vernier caliper?

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

5. What is flaring?

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

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

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

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

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

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

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

7. How the hammers are specified?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

20. How the screw driver is specified?

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

21. 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

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

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

23. What is the purpose of angle plate?

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

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

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

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

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

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

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

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

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

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

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

29. What is the purpose of the cross pein 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

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

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

31. What is the use of ratchet stop in outside micrometer?

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

32. What is the name of beveled graduated sleeve of outside micrometer?

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

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

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