

October 2026

Question Paper

Duration: 60 Mins

Total Marks: 33

ID: ITISKILL7559WW

Student Name: _____

Roll No: _____

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

A) Straight edge, feeler gauge

B) Knife, wooden blank

C) Wooden plank, metal shim

D) Steel rule, metal shim

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

A) Vernier gauge

B) Pitch gauge

C) Feeler gauge

D) Telescopic gauge

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

A) Thimble

B) Barrel

C) Anvil

D) Spindle

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

A) Spread the metal In all direction

B) Stamp the specifications

C) Strike the metal

D) Strike soft metal

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

A) 1.5 mm

B) 1.0 mm

C) 0.5 mm

D) 2 mm

6. Which screw driver is used in blind space?

A) Offset screw driver

B) Ratchet screw driver

C) Philips screw driver

D) Stumpy screw driver

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

A) Vacuum gauge

B) Pressure gauge

C) Wire gauge

D) Feeler gauge

8. What is flaring?

A) Increasing the length of a tube

B) Decreasing the length of a tube

C) Increasing the diameter of a tube end

D) Decreasing the diameter of a tube

9. Which measuring gauge needs to be set up to a fixed

dimension before use?

A) Dial test indicator

B) Vernier dial gauge

C) Depth gauge

D) Dial bore gauge

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

A) V- Block

B) Bench vice

C) Surface plate

D) Marking table

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

A) Gudgen pin

B) Piston

C) Cylinder bore

D) Crank pin

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

A) Hooks spanner

B) Double end spanner

C) Adjustable spanner

D) Ring spanner

13. 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

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

A) Side cutting plier

B) Straight snip

C) Combination plier

D) Bend snip

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

A) Half round chisel

B) Diamond point chisel

C) Flat chisel

D) Cross cut chisel

16. Which refers the size of hexagonal Allen key?

A) Size of the radius

B) Size of the diagonal

C) Size of the diameter

D) Size across the flat

17. What is the purpose of half round chisel?

A) Cut curved grooves

B) Squaring metal at corners

C) Cut excess metal

D) Cut keyways

18. How the hammers are specified?

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

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

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

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

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

21. What is the purpose of angle plate?

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

22. Which one is the indirect measuring instrument?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

30. What is the smallest reading of vernier caliper?

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

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

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

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

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

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

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