

Duration: 30 Mins**Total Marks: 25****Q.ID: ITISKILL4726VA****1. Why the ball centre is preferred in tail stock offset method?**

- A) For provide power feed B) For accurate setting
C) For good surface finish D) To avoid damage to the centre drilled hole of the job

Answer: D) To avoid damage to the centre drilled hole of the job**2. Which is the smallest unit of angular measurement?**

- A) Seconds B) Minutes
C) Radian D) Degree

Answer: A) Seconds**3. Select a suitable instrument for measuring angles?**

- A) Calipers B) Vernier height gauge
C) Vernier caliper D) Vernier bevel protractor

Answer: D) Vernier bevel protractor**4. Which method is preferred for producing small length taper with least accuracy?**

- A) Compound slide method B) Form tool method
C) Tail stock offset method D) Taper turning attachment method

Answer: B) Form tool method**5. Which material is used for making nozzle for gas welding?**

- A) Copper B) Bronze
C) High carbon steel D) Mild steel

Answer: A) Copper**6. Which instrument can measure angle upto an accuracy of 5 minutes?**

- A) Combination set B) Angle gauge
C) Vernier bevel protractor D) Bevel gauge

Answer: C) Vernier bevel protractor**7. Which method of brazing is commonly used to braze of carbide tip on a shank?**

- A) Furnace brazing B) Induction brazing
C) Arc brazing D) Torch brazing

Answer: D) Torch brazing**8. What is the main disadvantage of a braze welded joints?**

- A) Dissimilar metals can be joined B) Heavy distortion due to heat
C) It take more time for repairing D) The joint not suitable for thicker sections

Answer: D) The joint not suitable for thicker sections**9. How to measure the diameter of the small end of a external taper precisely?**

- A) Precision roller with slip gauge B) Sine bar
C) Vernier calipers D) Screw gauge

Answer: A) Precision roller with slip gauge**10. Which part of the lathe is locked while the form tool method is used for turning taper?**

- A) Carriage B) Compound rest
C) Tail stock D) Head stock

Answer: A) Carriage**11. Which part of the combination set is used for measuring the angles?**

- A) Centre head B) Rule
C) Square head D) Protractor head

Answer: D) Protractor head**12. Which part is pivoted to the disc of vernier bevel protractor?**

- A) Stock B) Dial
C) Disc D) Blade

Answer: B) Dial**13. Which material is used for making the head of soldering iron?**

- A) Forged copper B) Forged steel
C) Stainless steel D) Forged aluminium

Answer: A) Forged copper**14. Convert 8 Degree 44 minutes into minutes?**

- A) 536 B) 428
C) 524 D) 424

Answer: C) 524**15. What should be the heights of gauge block to be built to check the work angle of 30 Degree using 150 mm sine bar?**

- A) 75 B) 38.62
C) 291.26 D) 145.63

Answer: A) 75**16. Which is the welding process, if base metal and filler is melted to form the joint?**

- A) By braze welding B) By arc welding
C) By tig welding D) By gas welding

Answer: B) By arc welding

17. Which one is the disadvantage of taper turning by compound slide method?

- A) Steep taper cannot be produced B) Taper length is limited to the movement of the top slide
C) Damages the centre drilled holes of the work D) Only external taper can be turned

Answer: B) Taper length is limited to the movement of the top slide

18. What is the purpose of the beveled edges of the rule in a vernier bevel protractor?

- A) Checking 45 Degree and 60 Degree B) Checking squareness
C) Checking flatness D) Checking parallelism

Answer: A) Checking 45 Degree and 60 Degree

19. How many seconds is 1 Degree?

- A) 36000% B) 6000%
C) 360000% D) 3600000%

Answer: C) 360000%

20. What is the use of a sine bar?

- A) To determine the angle of tapered job B) To measure the length of a taper job
C) To measure the gap D) To measure the diameter of the job

Answer: A) To determine the angle of tapered job

21. Calculate the least count of V.B.P if 23 div on main scale is divided into 12 scale divisions

- A) 4 minutes B) 3 minutes
C) 2 minutes D) 5 minutes

Answer: A) 4 minutes

22. How is the 'length of sine bars' specified?

- A) Distance between the centres of the rollers B) Length of datum surface
C) Total length of the sine bar D) Length of the rollers

Answer: A) Distance between the centres of the rollers

23. Calculate the least count of V.B.P if 23 div on main scale is divided into 12 equal parts

- A) 100 Degree B) 5 Degree
C) 28 Degree D) 1 Degree - 50 Degree

Answer: B) 5 Degree

24. Which welding method is more suitable for joining dissimilar metals readily?

- A) Arc welding B) Gas welding
C) Tig welding D) Braze welding

Answer: D) Braze welding

25. Which method is used for turning steep taper?

- A) Offset tail stock B) Taper turning attachment
C) Form tool D) Compound slide swivel

Answer: D) Compound slide swivel