

Duration: 60 Mins**Total Marks: 23****Q.ID: ITISKILL07055N****1. What will be the nose or edge angle of lathe tool?**

- A) 60 Degree B) 50 Degree
C) 90 Degree D) 45 Degree

Answer: C) 90 Degree**2. What is name of the gear unit of the lathe which consists of three gears, each having same number of teeth?**

- A) Spindle gear B) Tumbler gear unit
C) Change gear unit D) Fixed stud gear

Answer: B) Tumbler gear unit**3. Which mechanism the movement of carriage for screw cutting is actuated?**

- A) Tumble gear mechanism B) Half nut mechanism
C) Spindle gear mechanism D) Back gear mechanism

Answer: B) Half nut mechanism**4. Which gear unit the feed chart is fixed on the casting?**

- A) Quick change gear box B) Change gear unit
C) Tumbler gear unit D) Fixed stud gear

Answer: A) Quick change gear box**5. Which unit of feed mechanism of a lathe provides different feed rates can be given to the tool?**

- A) Apron mechanism B) Change gear unit
C) Tumbler gear unit D) Quick change gear box

Answer: D) Quick change gear box**6. Which gear unit in a lathe is also called as reversing gear unit?**

- A) Fixed stud gear B) Spindle gear
C) Change gear unit D) Tumbler gear unit

Answer: D) Tumbler gear unit**7. Which part of the lathe to hold cutting tools drills, reamers, drill chucks provided with the taper shanks?**

- A) Lathe chuck B) Tail stock
C) Head stock D) Carriage

Answer: B) Tail stock**8. Which tool angle is ground to prevent the tool rubbing from the work in a lathe?**

- A) Side cutting edge angle B) Rake angle
C) Clearance angle D) End cutting edge angle

Answer: C) Clearance angle**9. Which part of the lathe contains the mechanism for moving and controlling the carriage?**

- A) Top slide B) Cross slide
C) The apron D) Compound rest

Answer: C) The apron**10. Which gear is fitted to the main spindle and out side the head stock casting?**

- A) Spindle gear B) Change gear unit
C) Fixed stud gear D) Tumbler gear

Answer: A) Spindle gear**11. What is part of the lathe provides sideways up on which operating unit can be moved?**

- A) Lathe bed B) Tail stock
C) Cross slide D) Carriage

Answer: A) Lathe bed**12. Which type of lathe is more suitable for mass production?**

- A) Speed lathe B) Capstan and turret lathe
C) Bench lathe D) Centre lathe

Answer: B) Capstan and turret lathe**13. Which tool angle in a lathe will weaken the cutting edge in case of increase of angle?**

- A) End cutting edge angle B) Side cutting edge angle
C) Clearance angle D) Rake angle

Answer: C) Clearance angle**14. How much the end cutting edge angle of lathe tools?**

- A) 40 Degree B) 60 Degree
C) 50 Degree D) 30 Degree

Answer: D) 30 Degree**15. Which part of the cone pulley head stock is engaged for reducing the spindle speed?**

- A) Tail stock B) Cross slide
C) Carriage D) Back gear unit

Answer: D) Back gear unit**16. Which tool angle of lathe are ground on tool controls the geometry of chip formation?**

- A) Side cutting edge angle B) Clearance angle
C) Top or back rake angle D) End cutting angle

Answer: C) Top or back rake angle

17. Which gear gets the drive from the lathe main spindle gear through the tumbler gear?

- A) Fixed tumbler gear unit
- B) Change gear unit
- C) Spindle gear
- D) Fixed stud gear

Answer: D) Fixed stud gear

18. Which ways the carriage slides in a lathe?

- A) Cross slide
- B) Lathe bed
- C) Tail stock
- D) Compound rest slide

Answer: B) Lathe bed

19. What is the purpose of steady rest in a lathe?

- A) To support a long job
- B) To support a shorter job
- C) To support an irregular shape job
- D) To support a large diameter job

Answer: A) To support a long job

20. Which part of the lathe provided means of supporting the tool rest which holds the cutting tool?

- A) Cross slide
- B) Top slide

C) Head stock

D) Compound rest

Answer: B) Top slide

21. Which machine tool removes the metal from a revolving work piece with a stationery cutting tool?

- A) Shaper
- B) Grinding machine
- C) Milling machine
- D) Lathe

Answer: D) Lathe

22. Which tool angle is ground on parting and under cut tools both sides?

- A) Rake angle
- B) Clearance angle
- C) Side cutting edge angle
- D) Side relief angle

Answer: D) Side relief angle

23. What set of gears is available in a lathe for the purpose of feed changing as an additional unit?

- A) Spindle gear
- B) Fixed stud gear
- C) Tumbler gear unit
- D) Change gear unit

Answer: D) Change gear unit
