

Duration: 60 Mins**Total Marks: 23****Q.ID: ITISKILL07055N**

1. Which gear unit in a lathe is also called as reversing gear unit?

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

Answer: D) Tumbler gear unit

2. Which gear is fitted to the main spindle and out side the head stock casting?

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

Answer: C) Spindle gear

3. Which part of the lathe contains the mechanism for moving and controlling the carriage?

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

Answer: B) The apron

4. Which tool angle is ground to prevent the tool rubbing from the work in a lathe?

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

Answer: D) Clearance angle

5. Which mechanism the movement of carriage for screw cutting is actuated?

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

Answer: A) Half nut mechanism

6. Which type of lathe is more suitable for mass production?

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

Answer: A) Capstan and turret lathe

7. What is part of the lathe provides sideways up on which operating unit can be moved?

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

Answer: D) Lathe bed

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

- A) To support a long job B) To support an irregular shape job

- C) To support a shorter job D) To support a large diameter job

Answer: A) To support a long job

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

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

Answer: B) Side relief angle

10. Which ways the carriage slides in a lathe?

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

Answer: A) Lathe bed

11. Which gear unit the feed chart is fixed on the casting?

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

Answer: C) Quick change gear box

12. What will be the nose or edge angle of lathe tool?

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

Answer: A) 90 Degree

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

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

Answer: A) Fixed stud gear

14. 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) Fixed stud gear
C) Change gear unit D) Tumbler gear unit

Answer: D) Tumbler gear unit

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

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

Answer: A) Change gear unit

16. Which part of the lathe to hold cutting tools drills, reamers, drill chucks provided with the taper shanks?

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

Answer: B) Tail stock

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

- A) Head stock
C) Top slide
- B) Cross slide
D) Compound rest

Answer: C) Top slide

18. Which part of the cone pulley head stock is engaged for reducing the spindle speed?

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

Answer: B) Back gear unit

19. Which unit of feed mechanism of a lathe provides different feed rates can be given to the tool?

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

Answer: A) Quick change gear box

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

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

Answer: D) Lathe

21. Which tool angle of lathe are ground on tool controls the geometry of chip formation?

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

Answer: C) Top or back rake angle

22. How much the end cutting edge angle of lathe tools?

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

Answer: A) 30 Degree

23. Which tool angle in a lathe will weaken the cutting edge in case of increase of angle?

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

Answer: D) Clearance angle