

Student Name: _____	Roll No: _____
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1. Which type of lathe is more suitable for mass production?

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

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

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

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

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

4. What is name of the gear unit of the lathe which consists of three gears, each having same number of teeth?

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

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) Quick change gear box D) Tumbler gear unit

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

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

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

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

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

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

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

- A) Rake angle B) Side cutting edge angle

- C) Side relief angle D) Clearance angle

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

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

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

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

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

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

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

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

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

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

15. Which ways the carriage slides in a lathe?

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

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

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

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

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

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

A) Milling machine
C) Lathe

B) Grinding machine
D) Shaper

A) 45 Degree
C) 50 Degree

B) 90 Degree
D) 60 Degree

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

A) Tumbler gear unit
C) Quick change gear box

B) Fixed stud gear
D) Change gear unit

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

A) Lathe bed
C) Carriage

B) Tail stock
D) Cross slide

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

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

A) Clearance angle
C) Side cutting edge angle

B) End cutting edge angle
D) Rake angle

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

A) Tumbler gear unit
C) Change gear unit

B) Fixed stud gear
D) Spindle gear