

Student: NAGENDRA

Score: 16/25 (64.00%)

Code: 1635

1. What is thread element that determine the direction of rotation on screw thread?

- A) Pitch of thread B) Lead of thread
C) Depth of thread **D) Hand of thread (Correct)**

2. Which carrier with V-groove provided and used to hold small diameter and square sections?

- A) Bent tail (Incorrect) **B) Clamp type**
C) Straight tail D) Safety clamp type

3. What is the purpose of tail on the lathe carrier?

- A) Give good finish B) Protect the work
C) Protect the operator **D) Locate and drive the work (Correct)**

4. What is the reason for using dial indicator instead of scriber point in Vernier height gauge?

- A) To check eccentricity (Correct)** B) For accurate marking
C) For accurate measuring D) For good appearance

5. What is the formula used to find flat width of a buttress thread?

- A) Pitch/2 B) Pitch/4
C) Pitch/6 **D) Pitch/8 (Correct)**

6. Calculate the flat width of 10 mm pitch buttress thread?

- A) 1.25 mm** B) 2.25 mm (Incorrect)
C) 3.25 mm D) 4.25 mm

7. What is the width of the tool to cut a square thread of 60 x 9 mm pitch?

- A) 4.5 mm (Correct)** B) 9.5 mm
C) 9 mm D) 8.5 mm

8. What is the core dia of square thread 75 x 11 mm pitch?

- A) 70 mm B) 60 mm
C) 64 mm D) 65.8 mm (Incorrect)

9. Which mandrels is NOT used in between lathe centres?

- A) Cone mandrels B) Gang mandrels
C) Stepped mandrels **D) Taper Shank mandrels (Correct)**

10. Which is used to support hollows end jobs?

- A) Ball centre **B) Pipe centre (Correct)**
C) Female centre D) Tipped centre

11. Which instrument can measure angle upto an accuracy of 5 minutes?

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

12. Which one is the disadvantage of using tail stock offset method?

- A) Only hand feed can be given (Incorrect) B) External threads on taper can't produce
C) Taper length is limited **D) Taper turning is possible when work held between centre only**

13. Which part of the combination set is used for measuring the angles?

- A) Protractor head (Correct)** B) Square head
C) Centre head D) Rule

14. Why the ball centre is preferred in tail stock offset method?

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

15. Which method is used for turning steep taper?

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

16. What is the thread depth of square thread SQ60x9?

- A) 4.5 mm** B) 9.0 mm (Incorrect)
C) 18 mm D) 42 mm

17. Calculate the change gear required to cut 4mm pitch thread in a lathe having lead screw of 4mm (lathe stud gear (driver has 50 teeth)

- A) 25 (Incorrect) **B) 50**
C) 100 D) 150

18. Calculate the driven gear to cut 2mm pitch on a job using a lathe having lead screw of 4mm pitch with driven gear 50 teeth?

- A) 50
B) 60
C) 100
D) 120 (Incorrect)

19. Which is the method to produce accurate internal thread?

- A) Thread chasers
B) Thread rolling
C) Thread milling
D) Using dies (Incorrect)

20. What is the disadvantage of chaser?

- A) To cut V-thread only (Correct)**
B) To cut square thread only
C) To cut knuckle thread only
D) To cut trapezoid thread only

21. Which is the angle of inclination in the thread to the imaginary perpendicular line?

- A) Acute angle
B) Right angle
C) Helix angle (Correct)
D) Obtuse angle

22. Which method is non metallic threads are produced?

- A) Thread milling
B) **Thread casting (Correct)**
C) Thread grinding
D) Thread chasing

23. Find the gear required to cut 3 mm pitch in a lathe having a lead screw of 6 TPI gear available from 20 to 120 teeth by 5 teeth with a special gear of 127 teeth?

- A) Driver 90 teeth Driven 127 teeth (Correct)**
B) Driver 60 teeth Driven 20 teeth
C) Driver 127 teeth Driven 90 teeth
D) Driver 20 teeth Driven 60 teeth

24. How the thread are formed in thread rolling?

- A) Grinding
B) Casting
C) Plastic deformation (Correct)
D) Milling

25. How metric chasing dial differ from British chasing dial?

- A) Same as British chasing dial
B) One worm wheel and different dial
C) One worm wheel and one dial (Incorrect)
D) More than one worm wheel and different dial