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Score: 5/25 (20.00%)

Code: 2254

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**
 (Incorrect)

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

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

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

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

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

- A) To check eccentricity** B) For accurate marking
(Correct)
 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 (Incorrect) B) Pitch/4
 C) Pitch/6 **D) Pitch/8**

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** B) 9.5 mm
C) 9 mm (Incorrect) D) 8.5 mm

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

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

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

- A) Cone mandrels B) Gang mandrels

C) Stepped mandrels
 (Incorrect)

D) Taper Shank mandrels

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
(Incorrect)
C) Vernier bevel protractor D) Angle gauge

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

- A) Only hand feed can be given B) External threads on taper can't produce
(Incorrect)
 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** B) Square head
C) Centre head (Incorrect) D) Rule

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

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

15. Which method is used for turning steep taper?

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

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

- A) 4.5 mm (Correct)** B) 9.0 mm
 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
C) 100 (Incorrect)
- B) 50**
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 (Incorrect)
C) 100
- B) 60
D) 120

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

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

20. What is the disadvantage of chaser?

- A) To cut V-thread only (Correct)
C) To cut knuckle thread only
- B) To cut square 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
C) Helix angle
- B) Right angle (Incorrect)
D) Obtuse angle

22. Which method is non metallic threads are produced?

- A) Thread milling
C) Thread grinding (Incorrect)
- B) Thread casting**
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
C) Driver 127 teeth Driven 90 teeth (Incorrect)
- B) Driver 60 teeth Driven 20 teeth
D) Driver 20 teeth Driven 60 teeth

24. How the thread are formed in thread rolling?

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

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

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