1. What is the full form of CTC?
   a) Carbon Tetra Chloride
   b) Carbon Tin Chloride
   c) Calcium Tetra Chloride
   d) None of these

2. Which type of thread is used in spindle of bench vice?
   a) Acme thread
   b) V thread
   c) Square thread
   d) Knuckle thread

3. Which metal is generally used to make hammer?
   a) Mild steel
   b) Cast iron
   c) Wrought iron
   d) Cast steel

4. 1° is equal to:
   a) 60 seconds
   b) 60 minutes
   c) 360 minutes
   d) 360 seconds

5. Offset scriber is used to:
   a) Vernier caliper
   b) Vernier height gauge
   c) Vernier micrometer
   d) None of these

6. Which of the following is not a type of chisel?
   a) Cross cut chisel
   b) Round nose chisel
   c) Bull nose chisel
   d) Diamond point chisel

7. Prussian blue is:
   a) Marking tool
   b) Measuring tool
   c) Marking media
   d) All of these
8. Datum line is also known as: 
   a) Centre line  
   b) Outline  
   c) Reference line  
   d) None of these

9. V-Block is made of: 
   a) Close grained cast iron  
   b) Aluminium  
   c) Mild steel  
   d) None of these

10. Point angle of scriber is: 
    a) $60^\circ$  
    b) $12-15^\circ$  
    c) $5-6^\circ$  
    d) None of these

11. Classification of file is not done on the basis of: 
    a) Grade  
    b) Size  
    c) Cut  
    d) Angle

12. Which property leads a metal to be drawn into wire? 
    a) Malleability  
    b) Ductility  
    c) Elasticity  
    d) Plasticity

13. The nut used to fix blade in hacksaw frame is known as: 
    a) Dome nut  
    b) Thumb nut  
    c) Wing nut  
    d) Castle nut

14. Distance between two adjacent teeth of hacksaw is known as: 
    a) Volume  
    b) Velocity  
    c) Field  
    d) Pitch

15. Which drilling machine is used in mass production? 
    a) Bench type drilling machine  
    b) Pillar type drilling machine  
    c) Portable type drilling machine  
    d) Gang type drilling machine

16. File is made up of: 
    a) Stainless steel  
    b) Mild steel  
    c) High carbon steel  
    d) None of these

17. The shape of beak in anvil is like: 
    a) Camel  
    b) Elephant  
    c) Cow horn  
    d) Butterfly

18. The head of soldering iron is made of: 
    a) Cast iron  
    b) Mild steel  
    c) Copper  
    d) Tin

Contd...3
19. The sides of sheet are folded to make them safe and strong. These folds are called: 
   a) Seam  b) Hem  c) Band  d) Rib

20. Filler metal of brazing is: 
   a) Solder  b) Spelter  c) Both (a) & (b)  d) None of these

21. The thickness of sheet metal is measured by which gauge? 
   a) Snap gauge  b) Feeler gauge  c) Wire gauge  d) None of these

22. The tool used to give support while bending sheet metal, is known as: 
   a) Fuller  b) Flatter  c) Snip  d) Stake

23. Length of snap head rivet is given by the formula: 
   a) \( L = 2d \)  b) \( L = T + 0.6d \)  c) \( L = T + 1.5d \)  d) None of these

24. That part of hammer which is used for striking is known as: 
   a) Pein  b) Face  c) Cheek  d) Eye hole

25. This part prevents the motion of micrometers spindles: 
   a) Ratchet stop  b) Split internal thread  c) Tapered nut  d) Locking device or lock nut

26. Vernier Calipers' inventor 'Pierre Vernier' hailed from which of the following country? 
   a) Italy  b) Germany  c) France  d) None of these

27. In normalising process, hot steel is made cool by following: 
   a) By immersing it in oil  b) By keeping it in still air at room temperature  
   c) By leaving it in cold air  d) By immersing it in water

28. Bent snip is used for: 
   a) For removing burr  b) For making hole on sheet  
   c) For bending sheet  d) For cutting sheet with curved lines
29. Which rivet is appropriate for the riveting of soft metal like leather, plastic, etc.
   a) Snap head rivet  
   b) Pan head rivet  
   c) Divided or bifurcated rivet  
   d) Counter sunk head rivet

30. Which vice is used in forging shop?
   a) Hand vice  
   b) Bench vice  
   c) Leg vice  
   d) Pin vice

31. Which type of device or instrument the caliper is?
   a) Direct measuring instrument  
   b) Indirect measuring instrument  
   c) Both (a) & (b)  
   d) None of these

32. Which is the most conductive metal of electricity?
   a) Copper  
   b) Aluminium  
   c) Gold  
   d) Iron

33. The forging of cast iron is not possible due to which property?
   a) Softness  
   b) Brittleness  
   c) Ductility  
   d) None of these

34. Power hammer mostly operated by which of the following: -
   a) By hand  
   b) By electricity  
   c) Both (a) & (b)  
   d) None of these

35. What happens by increasing the amount of carbon in steel?
   a) Hardness increases  
   b) Rigidity increases  
   c) Rigidity decreases  
   d) Ductility increases

36. The filing of wood, rubber etc. is done by which of the following file?
   a) Curved file  
   b) Single cut file  
   c) Double cut file  
   d) Rasp cut file

37. Where the hatchet stake is used?
   a) For riveting  
   b) For making flange  
   c) For folding sheets  
   d) None of these

38. Pinning of file is removed by:
   a) File card  
   b) File handle  
   c) Wire brush  
   d) Dresser

Contd....5
39. Why soft jaws are used in vice?
   a) To protect the finished surface  
   b) To protect the jaws of the vice
   c) To hold the job more strongly  
   d) To protect the file

40. __________ should be intended before marking.
   a) Reference point  
   b) Centre point
   c) Parameter point  
   d) Internal point

41. Which of the following is not related to marking media?
   a) Layout Die  
   b) Prussian Blue
   c) Surface Plate  
   d) None of these

42. __________ marking media takes too much time to get dry and it make clear lines.
   a) Prussian Blue  
   b) Chalk powder
   c) Copper sulphate  
   d) None of these

43. Maximum keys are made up of:
   a) High speed steel  
   b) Mild steel
   c) Cast iron  
   d) Pig iron

44. There is negative error 0.03 mm in any micrometer. If the micrometer gives the reading
   of 40.53 mm, then what will be the accurate readings?
   a) 40.50 Millimeter  
   b) 40.56 Millimeter
   c) 40.83 Millimeter  
   d) 40.23 Millimeter

45. With the help of Vernier Bevel Protractor any angle can be measure upto the accuracy of
    the __________ of 1°.
    a) 10th Part  
    b) 12th Part
    c) 9th Part  
    d) 4th Part

46. While marking from Vernier height gauge, it should be moved by holding its base in such
    a way that:
   a) Main scale should bend  
   b) Zero error or main scale should check
   c) Main scale should not bend  
   d) Base of the offset scribe should be parallel to the surface plate

47. Cyaniding and Nitriding are the two methods of which of the following process?
   a) Hardening  
   b) Case Hardening
   c) Tempering  
   d) Normalizing

48. Zinc coated sheet is known as __________.
   a) Tin coated sheet  
   b) Galvanized iron sheet
   c) Stainless steel  
   d) Lead sheet
49. Which tool is used to cut excessive thick sheet?
   a) Snip  b) Shear  c) Hem  d) None of these

50. Which of the following stakes gives double ended support?
   a) Hatchet stake  b) Half-moon stake  c) Creasing iron stake  d) Horse stake