

Duration: 30 Mins

Total Marks: 20

ID: ITISKILL9083QK

Student Name: _____ Roll No: _____

1. Why alternate teeth are staggered in hacksaw blade?

- A) For straight cutting action B) For free cutting action
C) For curve cutting action D) For coarse cutting action

2. Which type of nut required to align the axle shaft hole and slot of the nut for locking?

- A) Castle nut B) Thumb nut
C) Self lock nut D) Chuck nut

3. What is the pitch of wave set in hexablade ?

- A) Over 1.0 mm B) 0.4 mm
C) 1.2 mm D) 0.8 mm

4. Which key is used for tapered shaft fitting?

- A) Feather key B) Hollow saddle key
C) Flat saddle key D) Woodruff key

5. Which angle helps in the penetration of the cutting edges in the material?

- A) Helix angle B) Clearance angle
C) Rake angle D) B Point angle

6. How to hold the small jobs while working on bench grinder?

- A) Hold the job with cotton waste B) Hold the job with hand
C) Hold the job with gloves D) Hold the job with pliers

7. Which type of locking device used on shaft and similar parts?

- A) Split pin B) External circlip
C) Wire lock D) Internal circlip

8. What are the tools are used to remove the drills and sockets from the machine spindle?

- A) Screw driver and hammer B) Drift and hammer
C) Punch and hammer D) Spanner and hammer

9. Which tap in a set have 20 Degree chamfer at its end?

- A) Taper tap B) Intermediate tap

C) Plug tap

D) Second tap

10. Which key is used while hub slides axially on the shaft?

- A) Woodruff key B) Feather key
C) Hollow saddle key D) Gib-Head key

11. What is the recommended gap between tool post and grinding wheel?

- A) 2 mm B) 3 mm
C) 1 mm D) 4 mm

12. Which nut is used for structural and machine tool construction?

- A) Square nut B) Wing nut
C) Hexagonal nut D) Castle nut

13. What is the material of the hand tap?

- A) Stainless steel B) Low carbon steel
C) High speed steel D) Cast Iron

14. Which type of fit will have maximum size hole and minimum size shaft?

- A) Clearance fit B) Interference fit
C) Transition fit D) Shrinkage fit

15. What is the pitch of hacksaw blade?

- A) Distance between pin holes B) Distance between adjacent teeth
C) Distance between Top and bottom edges D) Distance between edges of blade

16. Which part of drill bit fits in to the slot of drilling machine spindle?

- A) Flute B) Web
C) Body D) Tang

17. Which nut provided with Nylon ring in the groove?

- A) T-nut B) Slotted nut
C) Castle nut D) Self locking nut

18. What is Tolerance of limits and fits system?

- A) Difference between standard and maximum size
- B) Difference between actual size and basic size
- C) Difference between maximum and minimum size
- D) Difference between standard and minimum size

19. Which type of the file used for filling wood and leather?

A) Smooth file

B) Second cut file

C) Rasp cut file

D) Basterd file

20. Which type of fit represent the tolerance zone of the hole and shaft over lap each other?

A) Interference fit

B) Clearance fit

C) Transition fit

D) Shrinkage fit