

Duration: 30 Mins**Total Marks: 20****Q.ID: ITISKILL3069ZK**

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

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

Answer: A) Clearance angle

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

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

Answer: B) Tang

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

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

Answer: A) Hold the job with pliers

4. Which type of portable drilling machine have variable speed?

- A) Ratchet hand drill B) Heavy duty electric hard drill
C) Breast hand drill D) Bevel gear hand drill

Answer: B) Heavy duty electric hard drill

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

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

Answer: D) Hexagonal nut

6. Which key is used for tapered shaft fitting?

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

Answer: D) Woodruff key

7. Why alternate teeth are staggered in hacksaw blade?

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

Answer: B) For free cutting action

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

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

Answer: B) Clearance fit

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

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

Answer: D) 2 mm

10. Which drilling machine is used to drill holes between 6mm to 12 mm?

- A) Pneumatic hand drill B) Ratchet hand drill
C) Breast drill D) Electric hand drill light duty

Answer: C) Breast drill

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

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

Answer: C) 0.8 mm

12. What is Tolerance of limits and fits system?

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

Answer: A) Difference between maximum and minimum size

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

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

Answer: A) External circlip

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

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

Answer: D) Castle nut

15. What is the pitch of hacksaw blade?

- A) Distance between adjacent teeth B) Distance between pin holes

- C) Distance between Top and bottom edges D) Distance between edges of blade

Answer: A) Distance between adjacent teeth

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

- A) Rasp cut file B) Smooth file
C) Second cut file D) Basterd file

Answer: A) Rasp cut file

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

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

Answer: B) Transition fit

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

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

Answer: C) Feather key

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

- A) Second tap B) Intermediate tap
C) Taper tap D) Plug tap

Answer: D) Plug tap

20. Which key used for easy fixing and removing?

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

Answer: B) Gib-Head key
