

Duration: 30 Mins

Total Marks: 20

ID: ITISKILL3069ZK

Student Name: _____ Roll No: _____

1. What is the pitch of hacksaw blade?

A) Distance between adjacent teeth	B) Distance between Top and bottom edges	A) Castle nut	B) Hexagonal nut
C) Distance between pin holes	D) Distance between edges of blade	C) Wing nut	D) Square nut

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

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

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

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

4. What is Tolerance of limits and fits system?

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

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

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

6. Which key used for easy fixing and removing?

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

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

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

8. Why alternate teeth are staggered in hacksaw blade?

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

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

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

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

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

11. Which key is used for tapered shaft fitting?

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

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

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

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

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

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

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

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

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

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

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

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

A) Transition fit	B) Clearance fit		
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C) Shrinkage fit

D) Interference fit

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

A) Smooth file

B) Basterd file

C) Second cut file

D) Rasp cut file

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

A) Hold the job with hand

B) Hold the job with gloves

C) Hold the job with cotton waste

D) Hold the job with pliers

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

A) Flute

B) Tang

C) Web

D) Body