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QUESTION BRUNCH OF SCREW THRADE

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1. The key is subjected to

A. Shear stress

B. Compression stress

C. Tensile stress

D. Twisting

Answer

Ans – A

2. A standard taper given on a taper key is

A. 1:50

B. 1:100

C. 1:48



D. 1:96

Answer

Ans – B

3. The pitch diameter of the external screw thread is checked by

A. Thread ring gauge

B. Screw pitch gauge

C. Vernier caliper

D. Screw thread micrometer

Answer

Ans – D

4. Which one of the following screw thread forms has an included angle of 29° between the flanks of thread

A. Acme thread

B. B. A. thread

C. Knuckle thread

D. Buttress thread

Answer

Ans – A

5. In a single start thread

A. Lead and pitch are equal

B. Lead is double the pitch

C. Pitch is double the lead

D. Lead is half the pitch



Answer

Ans – A

7. What type of thread are suitable for lead screw of machine tools

A. British association thread

B. Whitworth screw thread

C. Acme threads

D. Square threads

Answer

Ans – C

8. What type of threads are suitable for small precision components and measuring gauge

A. British association thread

B. Whitworth screw thread

C. Acme threads

D. Square threads

Answer

Ans – A

9. The angle of I.S. thread is

A. 29°

B. 47°

C. 50°

D. 60°

Answer

Ans – D

10. The pitch of 3 start thread is the lead divided by

A. 1

B. 2

C. 3

D. 4

Answer

Ans – C

11. The distance through which a screw thread advances axially in one turn is called

A. Lead of thread

B. Pitch of thread



C. Diameter of thread

D. Depth of thread

Answer

Ans – A



12. In silver brazing the flux is used for

A. Chemically cleaning the base metal

B. Removing the impurities from the weld

C. Allowing the molten metal to flow easily

D. All the above

Answer

Ans – D

13. Silver brazing is used for

A. Joining electrical parts requiring high electrical conductivity

B. Joining dissimilar metal

C. Brazing of tungsten carbide tips

D. All the above

Answer

Ans – D

14. A nut having raised height and slots on the raised portion is called

- A. Slotted nut
- B. Sawn nut
- C. Hole nut pin
- D. Castle nut



Answer

Ans – D

15. Screw thread are produced without metal removing by a process called as

- A. Thread chasing
- B. Thread cutting
- C. Tapping
- D. Thread rolling

Answer

Ans – D

16. Which one of the following threads, is used on mechanical jack

- A. Acme
- B. Square
- C. Buttress

D. B.S.F.

Answer

Ans – B

17. A key is a device used to

A. Start the machine

B. Fasten the mating parts

C. Control the machine

D. Stop the machine

Answer

Ans – B

18. B.S.F. screw thread are generally used for

A. Electrical goods

B. Ordinary bolts and nuts

C. Vice spindle

D. Lathe lead screw

Answer

Ans – A

19. Semi permanent fasteners can

A. Be separated by light heating



B. Be easily separated

C. Not be separated easily

D. Not be separated by any means

Answer

Ans – A



20. For fitting a saddle key

A. No keyway is cut on the shaft

B. Long keyway is cut on the shaft

C. The key is fitted by means of screw

D. The lower portion of the key is machined in a curved form

Answer

Ans – A

21. The shape of a woodruff key is

A. Round with taper

B. In the form of a segment of a circle

C. Rectangular

D. Square with taper

Answer

Ans – B

22. The depth of B.A. screw thread is

- A. $0.64 P$
- B. $0.7035 P$
- C. $0.6 P$
- D. $0.61 P$

Answer

Ans – C

23. B.S.F. screw thread have the included angle of

- A. 30°
- B. 45°
- C. 55°
- D. 60°

Answer

Ans – C

24. A rivet is specified by the diameter of its

- A. Shank
- B. None of the above
- C. Head



D. Tail

Answer

Ans – A



25. Which one of the following operations can be used for removing burrs formed at the edge of the hole while drilling

A. Countersinking

B. Counter boring

C. Spot facing

D. Chamfering by filing

Answer

Ans – B

26. The root of ISO metric thread is

A. Flat

B. Round

C. Sharp corner

D. None of the above

Answer

Ans – B

27. A drilled hole after tapping is called

A. Core hole

B. Chain hole

C. Tapped hole

D. Reamed hole



Answer

Ans – C

28. A screw thread is formed on a cylindrical surface by cutting

A. Helical grooves

B. V-grooves

C. Square grooves

D. Half round grooves

Answer

Ans A

29. The upper portion of a hexagonal nut is chamfered at an angle of

A. 75°

B. 60°

C. 45°

D. 30°

Answer

Ans – D

show less

30. Which type of key is used for coupling a pulley with a shaft

A. Taper key

B. Woodruff key

C. Gib head key

D. Flat saddle key

Answer

Ans – C

