

For More Questions [Click Here](#)

1. The sleeve or muff coupling is designed as a

- A. thin cylinder
- B. thick cylinder
- C. solid shaft
- D. hollow shaft

Answer: D

2. A sliding bearing in which the working surfaces are completely separated from each other by lubricant is called zero film bearing.

- A. True
- B. False

Answer: B

3. Screws used for power transmission should have

- A. Low efficiency
- B. high efficiency
- C. very fine threads
- D. strong teeth

Answer: B

4. The number of rivets in shear shall be equal to the number of rivets in crushing.

- A. Correct
- B. Incorrect

Answer: A

5. When bevel gears connect two shafts whose axes intersect at an angle greater than a right angle and one of the bevel gears has a pitch angle of 90° , then they are known as

- A. angular bevel gears
- B. crown bevel gears

- C. internal bevel gears
- D. mitre gears

Answer: B

6. The toughness of a material _____ when it is heated.

- A. increases
- B. decreases
- C. does not change

Answer: B

7. The number of slots in a 25 mm castle nut is

- A. 2
- B. 4
- C. 6
- D. 8

Answer: C

8. A screw is said to be over hauling screw, if its efficiency is

- A. less than 50%
- B. more than 50%
- C. equal to 50%
- D. none of these

Answer: B

9. The application of third type levers is found in

- A. handle of a hand pump
- B. hand wheel of a punching press
- C. lever of a loaded safety valve
- D. a pair of tongs

Answer: D

10. For unequal width of butt straps, the thickness of butt straps are

- A. 0.75 t for wide strap on the inside and 0.625 t for narrow strap on the outside
- B. 0.75 t for narrow strap on the inside and 0.625 t for wide strap on the outside
- C. 0.75 t for both the straps on the inside and outside
- D. 0.625 t for both the straps on the inside and outside

Answer: A