

## Production Engineering MCQ Questions and Answers Pdf

1. Angle plate is

- a. used for holding angular jobs in milling machine
- b. used for cutting angles on jobs on shaper
- c. cast iron jig is used to hold work in a vertical position of layout or machining
- d. used for measurement of angles

Ans: D

2. Necking is

- a. machining a groove around a cylindrical shaft
- b. drilling a hole in a plate
- c. hole drilled for riveting
- d. preparation of surface for brazing

Ans: A

3. A fly cutter is used on

- a. lathe
- b. shaper
- c. milling machines
- d. slotter

Ans: C

4. Magna flux is

- a. a nondestructive inspection technique that makes use of magnetic field and magnetic particles to locate flaw in materials
- b. an instrument using ultrasonic techniques for crack detection
- c. an instrument used for inspection of welding
- d. an instrument used for precision measurements using magnetism and flux density

Ans : A

5. Lathe bed is made of

- a. mild steel
- b. cast steel
- c. pig iron
- d. cast iron

Ans: D

6. While using high speed steel tools on a lathe, cutting speed will be maximum when machining

- a. cast iron
- b. mild steel
- c., high carbon steel
- d. aluminium

Ans: D

7. Miter gears are

- a. spur gears of equal diameter and pitch
- b. helical gears of same module
- c. right angled bevel gears having the same number of teeth
- d. gears of different modules

Ans: C

8. Music wire

- a. is fine wire used in musical instruments
- b. is a carbon steel wire used to manufacture springs
- c., is a resistance wire used in instruments
- d. is a standard wire for gauge determination

Ans B

9. A knee is a part of

- a. lathe
- b. shaper
- c. milling machine
- d. jig boring machine

Ans C

10. Which one of the following materials will have lowest cutting speed?

- a. cast iron
- b. tool steel
- c. brass
- d. aluminium

Ans: D