

1. Forging is done at?

A. The melting point of the metal

B. Below the melting of the metal

C. Above the melting point of the metal

D. None of the above

2. Which among the following tools is used for flattening the metal around punched hole

A. Ball pane hammer

B. Riveting hammer

C. Settings hammer

D. Sledge hammer

3. Straight peen hammer should peen?

A. Angular

B. Straight

C. Cross

D. Bent toward

4. 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

5. Which is not a part of combination set

A. Stock

B. Protractor head

C. Square head

D. Centre head

6. Which type of fire extinguisher is used in welding shop

A. Foam type extinguisher

B. Dry powder extinguisher

C. CO₂ extinguisher

D. Halon extinguisher

7. A black malleable cast iron?

A. Is a raw casting

B. Can be worked with hard cutting tools

C. Which through malleablizing and is decarburized at the outer skin

D. Is steel cast in moulds

8. The best example for semi liquid lubricants is

A. Grease

B. Graphite

C. Castol oil

D. Lard oil

9. The instrument used to measure high temperature in the furnace is

A. Thermometer

B. Barometer

C. Colorimeter

D. Pyrometer

10. Which among the following pipes is bent by a bench type hand operated pipe bender

A. Conduit pipe

B. G.I. pipe

C. Lead pipe

D. Copper pipe

11. Fire is a combination of

A. Fuel, light and nitrogen

B. Fuel, heat and carbon dioxide

C. Fuel, heat and oxygen

D. Fuel, light and oxygen

12. Which among the following joints is suitable for roofing work

A. Lap joint

B. Butt joint

C. Hinged joint

D. Double grooved seam joint

13. Tolerance is given to the part size to?

- A. Increase the production
- B. Decrease the production
- C. Finish the component approximately
- D. Produce the parts within the required permissible size error

14. The value of each vernier scale division of vernier bevel protractor is

- A. 1°
- B. $5'$
- C. $1^\circ-55'$
- D. 2°

15. Which one of the following jigs consists of drill plate, which rests on the component to be drilled

- A. Solid jig
- B. Plate jig
- C. Box jig

D. Trunnion jig

16. Which of the following is a direct measuring tool

A. Try square

B. Steel rule

C. Straight edge

D. Ring gauge

17. Taper plug gauge is used for checking

A. Taper holes

B. External diameter of cylindrical parts

C. Internal diameter of cylindrical parts

D. Diameter of straight holes

18. Bench vice jaw plates are of made of?

A. Cast iron

B. Bronze

C. Mild steel

D. Tool steel

19. Forging is done at?

A. The melting point of the metal

B. Below the melting of the metal

C. Above the melting point of the metal

D. None of the above

20. 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

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