

FFC (TRADE TEST) 2007¹

1) Corrosion resistance property of metal?

- i. **Chromium**
- ii. Nickel
- iii. Carbon
- iv. All above

2) (18 - 4 - 1) This is H.S.S Percentage?

- i. Chromium , Nickle , Carbon
- ii. Chromium , Vanadium , Nickle
- iii. Nickel , Tungiston , Vanadium
- iv. **Cr , V , W**

3) Which part is not used in Diesel engine?

- i. Carbourotator
- ii. **Spark plug**
- iii. Piston
- iv. Piston rod

4) 100m³ of air contain?

- i. 87 % m³ of Oxygen.
- ii. 78 % m³ of Oxygen
- iii. 29 % m³ of Oxygen
- iv. **21 % m³ of Oxygen.**

5) Composition of Brass?

- i. Copper + tine.
- ii. **Copper + Zink**
- iii. Nickel + Copper
- iv. Brass + Copper

6) The process in I.C engine?

- i. **Adiabatic**
- ii. Isothermal
- iii. Isometric
- iv. Non above

7) Slip of belt is occurred?

- i. Load
- ii. Tension b/w belts.
- iii. Creep
- iv. **Tension of load.**

- 8) If increase the acetylene gas in the flame is called?
- Carborizing flame.**
 - Neutral flame.
 - Oxidizing flame.
 - Non above
- 9) Casting is used?
- For change of volume.
 - For change shape.**
 - For change temperature
 - Non above
- 10) If the percentage of Carbon in iron is increase till 2.11 % there is called?
- Pig iron.
 - Cast iron.**
 - Wrought iron.
 - Non above
- 11) Which one of the following devices generates current through chemical action?
- Generator
 - Dynamo**
 - Dryeell
 - Motor
- 12) Repeated time which load is applied on a body in elastic limit causes?
- Endurane
 - Elasticity**
 - Plasticity
 - Fatigue
- 13) Resistance of metal for permanent indentation is called?
- Hardness**
 - Toughness
 - Elasticity
 - Plasticity
- 14) In Electric arc welding is
- Constant voltage.
 - Constant current.
 - High voltage.
 - High current.**
- 15) Which process is performed when tool is perpendicular?
- Turning**
 - Milling
 - Facing
 - Non above

16) Which process is used when a hole is do much larger?

- i. Reaming
- ii. Turning
- iii. Boring**
- iv. Broching

17) Density

- i. Increase with increase in temp.
- ii. Decrease with increase in temp.**
- iii. Constant
- iv. Non above

18) Steam trape is used :

- i. For trape the steam.
- ii. To trape water.
- iii. To drain costenate water.**
- iv. Non above

19) Heat transfer resources:-

- i. Conduction
- ii. Conduction , Convection
- iii. Conduction , Radiation
- iv. Conduction, Convection. Radiation**

20) In throttling process constant thug is?

- i. Volume
- ii. Temperature**
- iii. Pressure
- iv. Non above