



C) 1200 Degree F

D) 1300 Degree F

17. What is the advantage of using flux in brazing?

A) Over heating

B) Prevent Oxidation

C) Melting tubes

D) Chemical reaction

18. What is the unit of heat in M.K.S system?

A) K.Cal (Kilo Calorie)

B) KV (Kilo Volt)

C) B.T.U (British thermal unit) D) K.W (Kilo Watt)

19. What is the physical state of ammonia at condenser inlet in vapour absorption system?

A) Solid

B) Vapour

C) Liquid

D) Semi solid

20. What is effect of compression process on refrigerant vapour?

A) Heat the vapour below saturation

B) Decrease the pressure and temperature

C) Cool the vapour above saturation

D) Increase the pressure and temperature

21. Which components maintain the pressure difference in RAC system?

A) Evaporator and motor

B) Compressor and expansion device

C) Condenser and filter

D) Receiver and condenser

22. Which compressor dome handles high pressure and high temperature vapour?

A) Semi hermetic reciprocating compressor

B) Open type reciprocating compressor

C) Hermetic rotary compressor

D) Hermetic reciprocating compressor

23. Which law is related to the constant PV at constant T?

A) Renaults law

B) Boyles law

C) Pascal s law

D) Charles s law

24. Which method is used to connect the swaged joint in copper tubes?

A) Silver brazing

B) Fusion welding

C) Lead soldering

D) TIG welding

25. What is the capacity of doing work?

A) Work

B) Force

C) Power

D) Energy

26. What is the absolute pressure of gas in a cylinder, if gauge reads 135.3 p.s.i.?

A) 130 p.s.i.a

B) 150 p.s.i.a

C) 160 p.s.i.a

D) 140 p.s.i.a

27. Which factors produce work?

A) Time and distance

B) Force and time

C) Force and power

D) Force and distance

28. Which thermodynamic process the temperature is kept constant?

A) Constant volume process B) Isobaric process

C) Isothermal process

D) Constant pressure process

29. How the level of heat in a substance is expressed?

A) Micron

B) Temperature

C) Pressure

D) Humidity

30. What is top dead centre in reciprocating compressor cylinder?

A) The piston moves down from the point of cylinder

B) The piston stops in cylinder at bottom

C) The piston starts in cylinder at bottom

D) The piston moves up from the point of cylinder

31. What is the barometer reading at sea level in Hg column?

A) 740 mm

B) 760 mm

C) 730 mm

D) 750 mm