

15. What is the melting temperature of silver brazing rod?

- A) 1120 Degree F
- B) 1250 Degree F
- C) 1300 Degree F
- D) 1200 Degree F

Answer: A) 1120 Degree F

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

- A) 730 mm
- B) 750 mm
- C) 760 mm
- D) 740 mm

Answer: C) 760 mm

17. Which component controls the thermostat and defrost heater in frost free refrigerator?

- A) Defrost timer
- B) Relay
- C) OLP
- D) Thermoheater

Answer: A) Defrost timer

18. Which two components do the compressor function in vapour absorption system?

- A) Generator and absorber
- B) Generator and separator
- C) Generator and condenser
- D) Generator and evaporator

Answer: A) Generator and absorber

19. What is the boiling point of pure water in centigrade scale?

- A) 212 Degree Centigrade
- B) 32 Degree Centigrade
- C) 0 Degree Centigrade
- D) 100 Degree Centigrade

Answer: D) 100 Degree Centigrade

20. Which factors produce work?

- A) Force and distance
- B) Time and distance
- C) Force and time
- D) Force and power

Answer: A) Force and distance

21. Which thermodynamic process the temperature is kept constant?

- A) Isothermal process
- B) Constant volume process
- C) Isobaric process
- D) Constant pressure process

Answer: A) Isothermal process

22. What is the equivalent absolute scale for centigrade?

- A) Rankine
- B) Celsius
- C) Kelvin
- D) Fahrenheit

Answer: C) Kelvin

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

- A) Receiver and condenser
- B) Condenser and filter
- C) Evaporator and motor
- D) Compressor and expansion device

Answer: D) Compressor and expansion device

24. What is the capacity of doing work?

- A) Power
- B) Work
- C) Energy
- D) Force

Answer: C) Energy

25. Which instrument is used to measure atmospheric pressure?

- A) Manometer
- B) Barometer
- C) Hydrometer
- D) Hygrometer

Answer: B) Barometer

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

- A) B.T.U (British thermal unit)
- B) KV (Kilo Volt)
- C) K.Cal (Kilo Calorie)
- D) K.W (Kilo Watt)

Answer: C) K.Cal (Kilo Calorie)

27. Which condition is maintained for refrigerant in high side of vapour compression system?

- A) Below its critical temperature
- B) Below its freezing temperature
- C) Above its freezing temperature
- D) Above its critical temperature

Answer: A) Below its critical temperature

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

- A) 140 p.s.i.a
- B) 160 p.s.i.a
- C) 130 p.s.i.a
- D) 150 p.s.i.a

Answer: D) 150 p.s.i.a

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

- A) Fusion welding
- B) TIG welding
- C) Silver brazing
- D) Lead soldering

Answer: C) Silver brazing

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

- A) The piston moves up from the point of cylinder
- B) The piston moves down from the point of cylinder
- C) The piston starts in cylinder at top
- D) The piston stops in cylinder at top

Answer: A) The piston moves up from the point of cylinder

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

- A) Temperature
- B) Humidity
- C) Pressure
- D) Micron

Answer: A) Temperature