

Student Name: _____ Roll No: _____

1. What is the barometer reading at sea level in Hg column?
A) 750 mm B) 760 mm
C) 740 mm D) 730 mm
2. What is the advantage of using flux in brazing?
A) Melting tubes B) Prevent Oxidation
C) Over heating D) Chemical reaction
3. What is the physical state of ammonia at condenser inlet in vapour absorption system?
A) Liquid B) Vapour
C) Solid D) Semi solid
4. What is the boiling point of pure water in centigrade scale?
A) 0 Degree Centigrade B) 212 Degree Centigrade
C) 100 Degree Centigrade D) 32 Degree Centigrade
5. How the level of heat in a substance is expressed?
A) Temperature B) Pressure
C) Humidity D) Micron
6. What is bottom dead centre in reciprocating compressor cylinder?
A) The piston moves down from the point of cylinder B) The piston starts in cylinder at top
C) The piston moves up from the point of cylinder D) The piston stops in cylinder at top
7. Which thermodynamic process the temperature is kept constant?
A) Constant volume process B) Isothermal process
C) Isobaric process D) Constant pressure process
8. Which component controls the thermostat and defrost heater in frost free refrigerator?
A) Thermoheater B) Defrost timer
C) OLP D) Relay
9. Which factors produce work?
A) Force and distance B) Time and distance
C) Force and power D) Force and time
10. What is the melting temperature of silver brazing rod?
A) 1200 Degree F B) 1300 Degree F
C) 1120 Degree F D) 1250 Degree F
11. What is effect of compression process on refrigerant vapour?
A) Decrease the pressure and temperature B) Cool the vapour above saturation
C) Increase the pressure and temperature D) Heat the vapour below saturation
12. Which refrigeration system works on directly by the heat energy?
A) Mechanical refrigeration B) Vapour absorption refrigeration
C) Jet refrigeration D) Vapour compression refrigeration
13. What is the energy of a body by virtue of its position?
A) Electrical energy B) Potential energy
C) Kinetic energy D) Wind energy
14. Which compressor dome handles high pressure and high temperature vapour?
A) Hermetic reciprocating compressor B) Open type reciprocating compressor
C) Hermetic rotary compressor D) Semi hermetic reciprocating compressor
15. Which two components do the compressor function in vapour absorption system?
A) Generator and evaporator B) Generator and absorber
C) Generator and condenser D) Generator and separator
16. Which method is used to connect the swaged joint in copper tubes?
A) Silver brazing B) Lead soldering
C) Fusion welding D) TIG welding