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Score: 14/16 (87.50%)

Code: 8893

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

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

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

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

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

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

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

- A) 760 mm** B) 750 mm (Incorrect)
C) 740 mm D) 730 mm

5. Which refrigeration system works on directly by the heat energy?

- A) Jet refrigeration B) Mechanical refrigeration
C) Vapour absorption refrigeration (Correct) D) Vapour compression refrigeration

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

- A) Micron B) Pressure
C) Humidity **D) Temperature (Correct)**

7. What is the energy of a body by virtue of its position?

- A) Wind energy B) Kinetic energy
C) Potential energy (Correct) D) Electrical energy

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

- A) Solid B) Liquid
C) Vapour (Correct) D) Semi solid

9. Which thermodynamic process the temperature is kept

constant?

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

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

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

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

- A) Thermoheater **B) Defrost timer (Correct)**
C) Relay D) OLP

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

- A) Over heating B) Melting tubes
C) Prevent Oxidation (Correct) D) Chemical reaction

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

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

14. Which components are connected by metering device in vapour compression cycle?

- A) Condenser and evaporator (Correct)** B) Compressor and condenser
C) Evaporator and suction line D) Compressor and evaporator

15. Which factors produce work?

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

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

- A) Heat the vapour below saturation B) Cool the vapour above saturation
C) Increase the pressure and temperature (Correct) D) Decrease the pressure and temperature