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Score: 5/16 (31.25%)

Code: 6235

1. What is the melting temperature of silver brazing rod?
 A) **1120 Degree F** B) 1200 Degree F
 C) 1250 Degree F (Incorrect) D) 1300 Degree F
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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
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3. What is bottom dead centre in reciprocating compressor cylinder?
 A) **The piston moves up from the point of cylinder** B) The piston stops in cylinder at top (Incorrect)
 C) The piston moves down from the point of cylinder D) The piston starts in cylinder at top
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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
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5. Which refrigeration system works on directly by the heat energy?
 A) Jet refrigeration B) Mechanical refrigeration
 C) **Vapour absorption refrigeration** D) Vapour compression refrigeration (Incorrect)
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6. How the level of heat in a substance is expressed?
 A) Micron B) Pressure (Incorrect)
 C) Humidity D) **Temperature**
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7. What is the energy of a body by virtue of its position?
 A) Wind energy B) Kinetic energy (Incorrect)
 C) **Potential energy** D) Electrical energy
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8. What is the physical state of ammonia at condenser inlet in vapour absorption system?
 A) Solid B) Liquid (Incorrect)
 C) **Vapour** D) Semi solid
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9. Which thermodynamic process the temperature is kept constant?
 A) Isobaric process B) **Isothermal process (Correct)**
 C) Constant volume process D) Constant pressure process
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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
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11. Which component controls the thermostat and defrost heater in frost free refrigerator?
 A) Thermoheater B) **Defrost timer (Correct)**
 C) Relay D) OLP
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12. What is the advantage of using flux in brazing?
 A) Over heating B) Melting tubes (Incorrect)
 C) **Prevent Oxidation** D) Chemical reaction
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13. 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 (Incorrect)
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14. Which components are connected by metering device in vapour compression cycle?
 A) **Condenser and evaporator** B) Compressor and condenser (Incorrect)
 C) Evaporator and suction line D) Compressor and evaporator
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15. Which factors produce work?
 A) **Force and distance (Correct)** B) Time and distance
 C) Force and power D) Force and time
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16. What is effect of compression process on refrigerant vapour?
 A) Heat the vapour below saturation B) Cool the vapour above saturation (Incorrect)
 C) **Increase the pressure and temperature** D) Decrease the pressure and temperature