Quize

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SPP ITI Nithikal

Question Paper

Student: Suheb khan FM
Score: 22/25 (88.00%)

Code: 9833

1. What is the atmospheric pressure at sea level?

A) 1.033 kg/cm² (Correct) | B) 1.3 Kg/cm²
C) 1.5 Kg/cm² | D) 1.6 Kg/cm²

2. What is the rate of doing work?

A) Duty | B) Force
C) Power (Correct) | D) Velocity

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

A) 1120 Degree F (Correct) | B) 1200 Degree F
C) 1250 Degree F | D) 1300 Degree F

4. Which instrument is used to measure atmospheric pressure?

A) Hygrometer | B) Hydrometer
C) Manometer | **D) Barometer (Correct)**

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

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

6. 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

7. 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

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

A) 760 mm (Correct) | B) 750 mm
C) 740 mm | D) 730 mm

9. What is the capacity of doing work?

A) Work | B) Power
C) Force | **D) Energy (Correct)**

10. Which instrument is used for measuring heat?

A) Thermometer (Incorrect) | B) Anemometer
C) Calorimeter | D) Ammeter

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

A) Jet refrigeration | B) Mechanical refrigeration (Incorrect)
C) Vapour absorption refrigeration | D) Vapour compression refrigeration

12. What is the absolute zero temperature in degree centigrade?

A) 0 Degree Centigrade | B) 100 Degree Centigrade
C) -273 Degree Centigrade (Correct) | D) 212 Degree Centigrade

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

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

14. 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

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

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

16. Which thermodynamic process the temperature is kept constant?

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

17. What is the equivalent absolute scale for centigrade?

A) Kelvin (Correct) | B) Celsius

C) Rankine | D) Fahrenheit

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

A) The piston moves down from the point of cylinder (Correct) | B) The piston moves up from the point of cylinder

C) The piston stops in cylinder at bottom | D) The piston starts in cylinder at bottom

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

A) Over heating | B) Melting tubes

C) Prevent Oxidation (Correct) | D) Chemical reaction

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

A) Semi hermetic reciprocating compressor | B) Open type reciprocating compressor

C) Hermetic reciprocating compressor | **D) Hermetic rotary compressor (Correct)**

21. 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

22. 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

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

A) Above its critical temperature | **B) Below its critical temperature**

C) Above its freezing temperature (Incorrect) | D) Below its freezing temperature

24. Which factors produce work?

A) Force and distance (Correct) | B) Time and distance

C) Force and power | D) Force and time

25. 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