Quize

# ITI Quiz - 02-Feb-2026 11:51 AM

Q. ID: ITISKILL9927Q3

February 2026 | **SPP ITI Nithikal** | Question Paper

**Duration: 50 Mins** | **Total Marks: 25** | **ID: ITISKILL9927Q3**

Student Name: _____ Roll No: _____

**1.** What is the capacity of doing work?

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

**2.** What is top dead centre in reciprocating compressor cylinder?

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

**3.** Which compressor dome handles high pressure and high temperature vapour?

A) Open type reciprocating compressor
B) Hermetic rotary compressor
C) Hermetic reciprocating compressor
D) Semi hermetic reciprocating compressor

**4.** Which instrument is used for measuring heat?

A) Calorimeter
B) Ammeter
C) Thermometer
D) Anemometer

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

A) Liquid
B) Vapour
C) Semi solid
D) Solid

**6.** Which instrument is used to measure atmospheric pressure?

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

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

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

**8.** What is effect of compression process on refrigerant vapour?

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

**9.** Which factors produce work?

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

**10.** What is the advantage of using flux in brazing?

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

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

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

**12.** What is the rate of doing work?

A) Velocity
B) Power
C) Force
D) Duty

**13.** Which thermodynamic process the temperature is kept constant?

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

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

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

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

A) Mechanical refrigeration
B) Vapour absorption refrigeration
C) Vapour compression refrigeration
D) Jet refrigeration

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

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

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

A) Compressor and condenser
B) Compressor and evaporator
C) Evaporator and suction line
D) Condenser and evaporator

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

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

**19.** 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
C) The piston moves down from the point of cylinder
D) The piston starts in cylinder at top

**20.** What is the atmospheric pressure at sea level?

A) 1.3 Kg/cm<sup>2</sup>
B) 1.033 kg/cm<sup>2</sup>
C) 1.5 Kg/cm<sup>2</sup>
D) 1.6 Kg/cm<sup>2</sup>

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

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

**22.** 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

**23.** What is the equivalent absolute scale for centigrade?

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

**24.** What is the absolute zero temperature in degree centigrade?

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

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

A) Kinetic energy
B) Wind energy
C) Potential energy
D) Electrical energy