

# Trinity ITI Udyavara

## ITI Quiz - 04-Mar-2026 12:53 PM

Q. ID: ITISKILL6440IZ | March 2026

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Student Name	Prathish	Access Code	9916
Attempt No.	#1	Completion Time	04:24 PM
Rank	#1	Total Questions	20

10 SCORE

20 MAX MARKS

10 CORRECT

10 INCORRECT

### Answer Review

**Q1 CORRECT** What is the melting temperature of silver brazing rod?

A. 1120 Degree F

B. 1200 Degree F

C. 1250 Degree F

D. 1300 Degree F

**Q2 CORRECT** What is the energy of a body by virtue of its position?

A. Wind energy

B. Kinetic energy

C. Potential energy

D. Electrical energy

Q3 **CORRECT** Which law is related to the constant PV at constant T?

A. Boyles law

B. Charles s law

C. Pascal s law

D. Renaults law

Q4 **CORRECT** What is the absolute pressure of gas in a cylinder, if gauge reads 135.3 p.s.i?

A. 130 p.s.i.a

B. 140 p.s.i.a

C. 150 p.s.i.a

D. 160 p.s.i.a

Q5 **CORRECT** 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

D. Decrease the pressure and temperature

Q6 **CORRECT** Which instrument is used to identify the terminals of a compressor motor?

A. Ammeter

B. Voltmeter

C. Ohm meter

D. Anemometer

**Q7** **INCORRECT** Which winding is made of thick wire in single phase induction motor?

A. Starting

B. Running

C. Auxiliary

D. Additional

**Q8** **CORRECT** Which type of rotor is used in 3 Phase induction motor?

A. Squirrel cage rotor

B. Shaded pole rotor

C. Laminated rotor

D. Solid rotor

**Q9** **CORRECT** Which gas is used for pressure testing the compressor dome?

A. Air

B. Oxygen

C. Nitrogen

D. Refrigerant

**Q10** **INCORRECT** What is the use of a starting capacitor in single phase induction motor?

A. Improve power factor

B. Increase starting torque

C. Decrease starting torque

D. Dis connect starting winding

Q11 **INCORRECT** What is the reverse break down voltage range of zener diode?

A. 0.1 to 0.5 volt

B. 0.5 to 1 volt

C. 3 to 18 volt

D. 1 to 3 volt

Q12 **INCORRECT** Which material is used for making zener diode?

A. Lead

B. Silicon

C. Titanium

D. Platinum

Q13 **INCORRECT** What is the equivalent of one microfarad in farad?

A.  $10^{-3}$  farad

B.  $10^{-6}$  farad

C.  $10^{-9}$  farad

D.  $10^{-12}$  farad

Q14 **INCORRECT** Which application uses the digital ICs?

A. Amplifier

B. Logic gates

C. Tuned circuits

D. Voltage regulator

Q15 **CORRECT** How the maximum reverse voltage across the diode is termed in reverse biased condition?

- A. Diode voltage
- B. Ripple frequency
- C. Peak inverse voltage
- D. Peak rectification voltage

Q16 **INCORRECT** How the capacity of refrigerator is expressed?

- A. Weightage
- B. Tonnage
- C. Wattage
- D. Litres

Q17 **INCORRECT** What is the temperature maintained in the refrigerator freezer?

- A. 0 Degree Centigrade
- B. - 15 Degree Centigrade
- C. - 45 Degree Centigrade
- D. - 65 Degree Centigrade

Q18 **CORRECT** Which movement of plunger energises the start winding in relay operation?

- A. Vertically up
- B. Bottom side
- C. Vertically down
- D. Horizontally left

Q19 **INCORRECT** What is the effect of contamination in refrigeration system?

A. High heating

B. Poor cooling

C. Low pressure

D. Low humidity

Q20 **INCORRECT** What is the cause for refrigerator door gap at closing position?

A. Uneven floor level

B. Either side gap more

C. Either side gap less

D. Uneven condenser level