

ITI Quiz - 10-Jun-2026 01:54 PM

Q. ID: ITISKILL4472PW | May 2026

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Student Name	Karthik	Access Code	4618
Attempt No.	#1	Completion Time	02:22 PM
Rank	#13	Total Questions	15

10 SCORE

15 MAX MARKS

10 CORRECT

5 INCORRECT

Answer Review

Q1 **INCORRECT** Which type of compressor is used in window air conditioner?

A. Belt drive ☐

B. Open type ☐

C. Sealed type ☒

D. Swash plate ☐

Q2 **INCORRECT** Which type of condenser is used in window air conditioner?

A. Fins and tube ☒

B. Plate and tube ☐

C. Plate and coil ☐

D. Bare tube ☐

Q3 **CORRECT** Which type of expansion valve is used in window air conditioner?

A. Capillary tube ☒

B. Low side float valve ☐

C. Automatic expansion valve ☐

D. Thermostatic expansion valve ☐

Q4 **CORRECT** Which material is used for making fins of condenser in a window air conditioner?

A. Brass

B. Copper

C. Cast iron

D. Aluminium ☒

Q5 **CORRECT** Which relay is used in capacitor start, capacitor run (CSR) compressor motor?

A. Voltage relay ☒

B. Current relay

C. Thermal relay

D. Amperage relay

Q6 **INCORRECT** Which capacitor is connected in series with starting winding of CSR motor during operation?

A. Fan capacitor ☐

B. Run capacitor ☒

C. Start capacitor

D. No capacitor is connected

Q7 **INCORRECT** What is the value of running capacitor used for 1.5 TR window air conditioner?

A. 36 MFD ☒

B. 40 MFD

C. 80 MFD ☐

D. 100 MFD

Q8 **CORRECT** What is the purpose of relay used in window air conditioner?

A. Disconnect the starting capacitor ☒

B. Disconnect the running capacitor

C. Disconnect the fan capacitor

D. Disconnect the winding

Q9 **CORRECT** Which is increased by the fins of condenser tubes in window air conditioner?

A. Heat transfer rate ☒

B. Power consumption

C. Discharge pressure

D. Refrigerant flow rate

Q10 **CORRECT** Which is indicated by the arrow mark on filter drier component?

A. Flow direction of air

B. Position of capillary tube

C. Flow direction of refrigerant ☒

D. Arrangement of desiccant and filter

Q11 **CORRECT** Which device is used to exhaust the room air in window AC?

A. Damper ☒

B. Air filter

C. Filter drier

D. Air washer

Q12 **CORRECT** Where the filter drier is installed in window AC refrigerant circuit?

A. Discharge line

B. Suction line

C. Service line

D. Liquid line ☒

Q13 **CORRECT** Where the relay coil is internally connected in voltage relay?

A. Across 1 and 2

B. Across 5 and 1

C. Across 5 and 2 ☒

D. Across 2 and 4

Q14 **CORRECT** What is the remedy to remove moisture from the window AC system?

A. Over gas charge in the system

B. Evacuate the system deeply ☒

C. Clean the evaporator fins

D. Clean the condenser fins

Q15 **INCORRECT** What is the cause of reduced supply air throw though air filter is clean in window AC?

A. No frost in the evaporator

B. Frost accumulated in the evaporator ☒

C. Dust accumulated in the condenser ☐

D. No dust accumulated in the evaporator