

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

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53.33% 8 / 15

Student Name	Koushik	Access Code	8052
Attempt No.	#1	Completion Time	02:36 PM
Rank	#17	Total Questions	15

8 SCORE

15 MAX MARKS

8 CORRECT

7 INCORRECT

Answer Review

Q1 **CORRECT** 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 **CORRECT** 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 **INCORRECT** 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 **INCORRECT** Which device is used to exhaust the room air in window AC?

A. Damper ☒

B. Air filter ☐

C. Filter drier ☐

D. Air washer ☐

Q12 **INCORRECT** 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 **INCORRECT** 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