

Student: Koushik
Score: 8/15 (53.33%)

Code: 8052

1. Which type of compressor is used in window air conditioner?

- A) Belt drive
B) Open type
C) Sealed type (Correct)
D) Swash plate

2. Which type of condenser is used in window air conditioner?

- A) Fins and tube**
B) Plate and tube (Incorrect)
C) Plate and coil
D) Bare tube

3. Which type of expansion valve is used in window air conditioner?

- A) Capillary tube (Correct)**
B) Low side float valve
C) Automatic expansion valve
D) Thermostatic expansion valve

4. Which material is used for making fins of condenser in a window air conditioner?

- A) Brass
B) Copper
C) Cast iron
D) Aluminium (Correct)

5. Which relay is used in capacitor start, capacitor run (CSR) compressor motor?

- A) Voltage relay (Correct)**
B) Current relay
C) Thermal relay
D) Amperage relay

6. Which capacitor is connected in series with starting winding of CSR motor during operation?

- A) Fan capacitor
B) Run capacitor
C) Start capacitor (Incorrect)
D) No capacitor is connected

7. What is the value of running capacitor used for 1.5 TR window air conditioner?

- A) 36 MFD (Correct)**
B) 40 MFD
C) 80 MFD
D) 100 MFD

8. What is the purpose of relay used in window air conditioner?

- A) Disconnect the starting capacitor (Correct)**
B) Disconnect the running capacitor
C) Disconnect the fan capacitor
D) Disconnect the winding

9. Which is increased by the fins of condenser tubes in window air conditioner?

- A) Heat transfer rate (Correct)**
B) Power consumption
C) Discharge pressure
D) Refrigerant flow rate

10. Which is indicated by the arrow mark on filter drier component?

- A) Flow direction of air (Incorrect)
B) Position of capillary tube
C) Flow direction of refrigerant
D) Arrangement of desiccant and filter

11. Which device is used to exhaust the room air in window AC?

- A) Damper**
B) Air filter (Incorrect)
C) Filter drier
D) Air washer

12. Where the filter drier is installed in window AC refrigerant circuit?

- A) Discharge line
B) Suction line (Incorrect)
C) Service line
D) Liquid line

13. 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 (Correct)
D) Across 2 and 4

14. 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 (Incorrect)

15. What is the cause of reduced supply air throw though air filter is clean in window AC?

- A) No frost in the evaporator (Incorrect)
B) Frost accumulated in the evaporator
C) Dust accumulated in the condenser
D) No dust accumulated in the evaporator