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Score: 9/15 (60.00%)

Code: 4712

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

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

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

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

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

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

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

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

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

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

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

- A) Fan capacitor
C) Start capacitor (Incorrect)
B) **Run capacitor**
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)**
C) 80 MFD
B) 40 MFD
D) 100 MFD

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

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

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

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

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

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

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

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

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

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

13. Where the relay coil is internally connected in voltage relay?

- A) Across 1 and 2
C) **Across 5 and 2 (Correct)**
B) Across 5 and 1
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
C) Clean the evaporator fins
B) **Evacuate the system deeply**
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
C) Dust accumulated in the condenser
B) **Frost accumulated in the evaporator**
D) No dust accumulated in the evaporator (Incorrect)