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Score: 12/15 (80.00%)

Code: 5271

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 (Correct)**
B) Plate and tube
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 (Correct)**
C) Start 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**
B) 40 MFD (Incorrect)
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
B) Position of capillary tube (Incorrect)
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 (Correct)**
B) Air filter
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 (Correct)**
C) Clean the evaporator fins
D) Clean the condenser fins

15. 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 (Correct)**
C) Dust accumulated in the condenser
D) No dust accumulated in the evaporator