

Student: **Mahammad**
Score: **14/15 (93.33%)**

Code: **3741**

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 (Correct)**
C) Plate and coil
B) Plate and tube
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
B) Run capacitor (Correct)
D) No capacitor is connected

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

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

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

- A) Disconnect the starting capacitor (Correct)**
C) Disconnect the running capacitor
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)**
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 (Correct)**
C) Filter drier
B) Air filter
D) Air washer

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

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

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 (Correct)
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
C) Dust accumulated in the condenser
B) Frost accumulated in the evaporator (Correct)
D) No dust accumulated in the evaporator