

Duration: 15 Mins

Total Marks: 15

Q.ID: ITISKILL4472PW

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

A) Plate and tube B) Fins and tube
C) Plate and coil D) Bare tube

Answer: B) Fins and tube
2. What is the cause of reduced supply air throw though air filter is clean in window AC?

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

Answer: D) Frost accumulated in the evaporator
3. Which material is used for making fins of condenser in a window air conditioner?

A) Aluminium B) Copper
C) Cast iron D) Brass

Answer: A) Aluminium
4. What is the purpose of relay used in window air conditioner?

A) Disconnect the winding B) Disconnect the fan capacitor
C) Disconnect the running capacitor D) Disconnect the starting capacitor

Answer: D) Disconnect the starting capacitor
5. Where the filter drier is installed in window AC refrigerant circuit?

A) Suction line B) Discharge line
C) Service line D) Liquid line

Answer: D) Liquid line
6. Which is indicated by the arrow mark on filter drier component?

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

Answer: B) Flow direction of refrigerant
7. Which is increased by the fins of condenser tubes in window air conditioner?

A) Discharge pressure B) Refrigerant flow rate
C) Power consumption D) Heat transfer rate

Answer: D) Heat transfer rate
8. Where the relay coil is internally connected in voltage relay?

A) Across 2 and 4 B) Across 5 and 2
C) Across 1 and 2 D) Across 5 and 1

Answer: B) Across 5 and 2
9. Which relay is used in capacitor start, capacitor run (CSR) compressor motor?

A) Voltage relay B) Thermal relay
C) Amperage relay D) Current relay

Answer: A) Voltage relay
10. Which type of compressor is used in window air conditioner?

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

Answer: C) Sealed type
11. What is the remedy to remove moisture from the window AC system?

A) Evacuate the system deeply B) Clean the condenser fins
C) Clean the evaporator fins D) Over gas charge in the system

Answer: A) Evacuate the system deeply
12. Which capacitor is connected in series with starting winding of CSR motor during operation?

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

Answer: A) Run capacitor
13. Which type of expansion valve is used in window air conditioner?

A) Automatic expansion valve B) Thermostatic expansion valve
C) Low side float valve D) Capillary tube

Answer: D) Capillary tube
14. Which device is used to exhaust the room air in window AC?

A) Air washer

B) Filter drier

window air conditioner?

C) Damper

D) Air filter

A) 80 MFD

B) 100 MFD

Answer: C) Damper

C) 36 MFD

D) 40 MFD

Answer: C) 36 MFD

15. What is the value of running capacitor used for 1.5 TR