

May 2026

Question Paper

Duration: 15 Mins

Total Marks: 15

ID: ITISKILL4472PW

Student Name: _____

Roll No: _____

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- A) Filter drier B) Damper

- C) Air washer D) Air filter

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

- A) 80 MFD B) 100 MFD
C) 36 MFD D) 40 MFD

10. What is the remedy to remove moisture from the window AC system?

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

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

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

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

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

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

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

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

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

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

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