

Duration: 60 Mins**Total Marks: 25****Q.ID: ITISKILL8328BO**

1. What is the function of remote control in split AC?

- A) Drain water control B) Pressure setting
C) Transmits signal to operate AC D) Humidity setting

Answer: C) Transmits signal to operate AC

2. Which material is used to make ducts in split AC?

- A) Wood B) Fibre
C) Thermocole D) GI sheet

Answer: D) GI sheet

3. Which control opens the compressor motor circuit in the event of continuous overload?

- A) Thermostat B) Fusible plug
C) Spring loaded relief valve D) Bimetal strip

Answer: D) Bimetal strip

4. Which type of switch is used to control the room air temperature in split AC?

- A) Manual switch B) Thermostat switch
C) Thermal relay D) Over load protector

Answer: B) Thermostat switch

5. Where the refrigerant is stored in split AC during pump down operation?

- A) Accumulator B) Condenser
C) Compressor D) Evaporator

Answer: B) Condenser

6. What is the function of starting capacitor in CSIR motor?

- A) Gives running torque B) Gives initial torque
C) Corrects power factor D) Improves energy efficiency

Answer: B) Gives initial torque

7. What is the reason for air conditioner running continuously but no cooling effect ?

- A) Condensation poor B) Over charged oil
C) Refrigerant is more D) Refrigerant leaked

Answer: D) Refrigerant leaked

8. What tonnage capacity of split AC unit uses 150/200 MFD starting capacitor?

- A) 2.5 TR B) 1 TR

- C) 2.0 TR D) 1.5 TR

Answer: C) 2.0 TR

9. Which horizontal distance is preferred between indoor and outdoor units in ductable split AC installation?

- A) 15 meters B) 25 meters
C) 12 meters D) 20 meters

Answer: C) 12 meters

10. What is the effect on defective thermostat sensor in split AC?

- A) Increases super heat B) AC unit runs continuously
C) Relay malfunctions D) Unit consumes less power

Answer: B) AC unit runs continuously

11. Which fan motor speed is used with outdoor unit in split AC?

- A) Single speed B) Triple speed
C) Five speed D) Double speed

Answer: A) Single speed

12. Which type fan blade is used with out door unit of split AC?

- A) Propeller B) Centrifugal
C) Vane D) Guide vane

Answer: A) Propeller

13. What is the cause for noisy fan motor in outdoor unit of split AC?

- A) Motor Burnt B) Bearing worn out
C) Shaft struck D) Blade bent

Answer: B) Bearing worn out

14. What is the advantage of periodical cleaning of air filter?

- A) Increase the cooling capacity B) Increase the speed of fan motor
C) Decrease the cooling capacity D) Decrease the volume of air handling

Answer: A) Increase the cooling capacity

15. Which fan is used in condensing unit of ductable split air conditioner?

- A) Propeller fan B) Forward curved fan
C) Centrifugal fan D) Radial fan

Answer: A) Propeller fan

16. What is the reason for poor condensation in split AC?

- A) Blower motor failure
- B) Condenser tube leaky
- C) Low ambient temperature
- D) High ambient temperature

Answer: D) High ambient temperature

17. Which valve helps to attend mechanical faults without wasting the gas in split AC?

- A) Service valve
- B) Float valve
- C) Gate valve
- D) Expansion valve

Answer: A) Service valve

18. How the pressure drop of refrigerant flow is minimised during installation of indoor and outdoor units in ductable split AC?

- A) System pipes with minimum bends
- B) Install units as far as possible
- C) Pipe lines with more joints
- D) With more horizontal distance

Answer: A) System pipes with minimum bends

19. Which type of fan blade is used with indoor unit?

- A) Axial
- B) Guide vane
- C) Blower
- D) Vane|

Answer: C) Blower

20. Which process is done first in split AC for shifting from one place to another?

- A) Evacuation
- B) Vacuumisation

C) Flushing

D) Pump down

Answer: D) Pump down

21. Which component belongs to outdoor unit of split AC?

- A) Blower
- B) Compressor
- C) Air filter
- D) Evaporator coil

Answer: B) Compressor

22. Which motor is used to drive the blower of indoor unit in ductable split air conditioners?

- A) Three phase induction motor
- B) Capacitor start capacitor run motor
- C) Permanent split capacitor motor
- D) Shaded pole motor

Answer: C) Permanent split capacitor motor

23. How many fan motors are used in split AC?

- A) Five
- B) Four
- C) Two
- D) Three

Answer: C) Two

24. Which is the mounting location of evaporator in ductable split unit?

- A) Ceiling mounting
- B) Roof mounting
- C) Wall mounting
- D) Floor mounting

Answer: A) Ceiling mounting

25. Which component belongs to indoor unit of split AC?

- A) Drier
- B) Condenser
- C) Compressor
- D) Evaporator

Answer: D) Evaporator