# ITI Quiz -

Q. ID: ITISKILL6656G7

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Question Paper

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**Score: 5/25 (20.00%)**

**Code: 7540**

**1.** Which component belongs to indoor unit of split AC?

A) Compressor (Incorrect) | B) Condenser
**C) Evaporator** | D) Drier

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

A) Thermostat (Incorrect) | B) Fusible plug
**C) Bimetal strip** | D) Spring loaded relief valve

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

A) Shaded pole motor | **B) Permanent split capacitor motor**
C) Three phase induction motor | D) Capacitor start capacitor run motor (Incorrect)

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

A) Forward curved fan | B) Centrifugal fan
**C) Propeller fan** | D) Radial fan (Incorrect)

**5.** Which component belongs to outdoor unit of split AC?

A) Blower (Incorrect) | B) Air filter
**C) Compressor** | D) Evaporator coil

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

A) Thermocole | **B) GI sheet**
C) Wood | D) Fibre (Incorrect)

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

A) Over load protector | **B) Thermostat switch (Correct)**
C) Manual switch | D) Thermal relay

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

A) Vane | B) Guide vane
**C) Propeller** | D) Centrifugal (Incorrect)

**9.** How many fan motors are used in split AC?

**A) Two (Correct)** | B) Five
C) Four | D) Three

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

A) Guide vane | **B) Blower**
C) Axial | D) Vane| (Incorrect)

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

A) Accumulator (Incorrect) | B) Compressor
C) Evaporator | **D) Condenser**

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

A) 15 meters (Incorrect) | **B) 12 meters**
C) 20 meters | D) 25 meters

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

A) Flushing | B) Evacuation
**C) Pump down** | D) Vacuumisation (Incorrect)

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

**A) Single speed** | B) Double speed
C) Triple speed (Incorrect) | D) Five speed

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

**A) Gives initial torque** | B) Gives running torque
C) Corrects power factor (Incorrect) | D) Improves energy efficiency

**16.** What is the advantage of periodical cleaning of air filter?

A) Decrease the volume of air handling | B) Increase the speed of fan motor
C) Decrease the cooling capacity (Incorrect) | **D) Increase the cooling capacity**

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

A) 1 TR | B) 1.5 TR
**C) 2.0 TR (Correct)** | D) 2.5 TR

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

A) Gate valve (Incorrect) | B) Float valve
**C) Service valve** | D) Expansion valve

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

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|---|---|
| A) Floor mounting | B) Wall mounting (Incorrect) |
| **C) Ceiling mounting** | D) Roof mounting |

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

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

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

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|---|---|
| **A) Bearing worn out** | B) Motor Burnt |
| C) Shaft struck (Incorrect) | D) Blade bent |

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

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

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

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

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

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

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

| | |
|---|---|
| A) Condensation poor | B) Refrigerant is more |
| **C) Refrigerant leaked (Correct)** | D) Over charged oil |