

## ITI Quiz -

Q. ID: ITISKILL6656G7 | July 2026

**52.00%** 13 / 25

|              |                 |                 |          |
|--------------|-----------------|-----------------|----------|
| Student Name | Mohammed Rafeez | Access Code     | 0082     |
| Attempt No.  | #1              | Completion Time | 03:18 PM |
| Rank         | #11             | Total Questions | 25       |

**13** SCORE

**25** MAX MARKS

**13** CORRECT

**12** INCORRECT

### Answer Review

**Q1** **INCORRECT** Which component belongs to indoor unit of split AC?

A. Compressor

B. Condenser ☐

C. Evaporator ☐

D. Drier

**Q2** **INCORRECT** Which control opens the compressor motor circuit in the event of continuous overload?

A. Thermostat

B. Fusible plug ☐

C. Bimetal strip ☐

D. Spring loaded relief valve

**Q3** **INCORRECT** 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

**Q4** **CORRECT** 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

**Q5** **INCORRECT** Which component belongs to outdoor unit of split AC?

A. Blower

B. Air filter ☐

C. Compressor ☒

D. Evaporator coil

**Q6** **CORRECT** Which material is used to make ducts in split AC?

A. Thermocole

B. GI sheet ☒

C. Wood

D. Fibre

**Q7** **CORRECT** Which type of switch is used to control the room air temperature in split AC?

A. Over load protector

B. Thermostat switch ☒

C. Manual switch

D. Thermal relay

**Q8** **INCORRECT** Which type fan blade is used with out door unit of split AC?

A. Vane

B. Guide vane ☐

C. Propeller ☐

D. Centrifugal

**Q9** **CORRECT** How many fan motors are used in split AC?

A. Two ☐

B. Five

C. Four

D. Three

**Q10** **INCORRECT** Which type of fan blade is used with indoor unit?

A. Guide vane

B. Blower ☐

C. Axial ☐

D. Vane

**Q11** **INCORRECT** Where the refrigerant is stored in split AC during pump down operation?

A. Accumulator ☐

B. Compressor

C. Evaporator

D. Condenser ☐

**Q12** **INCORRECT** Which horizontal distance is preferred between indoor and outdoor units in ductable split AC installation?

**A.** 15 meters ☐

**B.** 12 meters ☒

**C.** 20 meters

**D.** 25 meters

**Q13** **CORRECT** Which process is done first in split AC for shifting from one place to another?

**A.** Flushing

**B.** Evacuation

**C.** Pump down ☒

**D.** Vacuumisation

**Q14** **INCORRECT** Which fan motor speed is used with outdoor unit in split AC?

**A.** Single speed ☐

**B.** Double speed ☒

**C.** Triple speed

**D.** Five speed

**Q15** **CORRECT** What is the function of starting capacitor in CSIR motor?

**A.** Gives initial torque ☒

**B.** Gives running torque

**C.** Corrects power factor

**D.** Improves energy efficiency

**Q16** **CORRECT** 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
- D. Increase the cooling capacity ☒

**Q17** **CORRECT** What tonnage capacity of split AC unit uses 150/200 MFD starting capacitor?

- A. 1 TR
- B. 1.5 TR
- C. 2.0 TR ☒
- D. 2.5 TR

**Q18** **INCORRECT** Which valve helps to attend mechanical faults without wasting the gas in split AC?

- A. Gate valve ☐
- B. Float valve
- C. Service valve ☒
- D. Expansion valve

**Q19** **CORRECT** Which is the mounting location of evaporator in ductable split unit?

- A. Floor mounting
- B. Wall mounting
- C. Ceiling mounting ☒
- D. Roof mounting

**Q20** **CORRECT** What is the function of remote control in split AC?

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

**Q21** **INCORRECT** What is the cause for noisy fan motor in outdoor unit of split AC?

- A. Bearing worn out ☒
- B. Motor Burnt
- C. Shaft struck ☐
- D. Blade bent

**Q22** **CORRECT** How the pressure drop of refrigerant flow is minimised during installation of indoor and outdoor units in ductable split AC?

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

**Q23** **CORRECT** What is the reason for poor condensation in split AC?

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

**Q24** **CORRECT** What is the effect on defective thermostat sensor in split AC?

A. Unit consumes less power

B. Increases super heat

C. AC unit runs continuously ☒

D. Relay malfunctions

**Q25** **INCORRECT** What is the reason for air conditioner running continuously but no cooling effect ?

A. Condensation poor

B. Refrigerant is more

C. Refrigerant leaked ☒

D. Over charged oil ☐