

GOVT ITI PERDOOR

THEORY TEST - 01-Jun-2026 11:42 AM

Q. ID: ITISKILL27853E | May 2026

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Student Name	Prathik	Access Code	2151
Attempt No.	#1	Completion Time	10:14 AM
Rank	#6	Total Questions	25

21 SCORE

25 MAX MARKS

21 CORRECT

4 INCORRECT

Answer Review

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

A. Compressor

B. Condenser

C. Evaporator ☒

D. Drier

Q2 **CORRECT** 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 **CORRECT** Which component belongs to outdoor unit of split AC?

A. Blower

B. Air filter

C. Compressor ☒

D. Evaporator coil

Q4 **CORRECT** Which material is used to make ducts in split AC?

A. Thermocole

B. GI sheet ☒

C. Wood

D. Fibre

Q5 **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

Q6 **CORRECT** How many fan motors are used in split AC?

A. Two ☒

B. Five

C. Four

D. Three

Q7 **CORRECT** Where the refrigerant is stored in split AC during pump down operation?

A. Accumulator

B. Compressor

C. Evaporator

D. Condenser ☒

Q8 **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

Q9 **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

Q10 **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

Q11 **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 ☒

Q12 **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

Q13 **CORRECT** 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

Q14 **CORRECT** Which is the mounting location of evaporator in ductable split unit?

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

Q15 **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 ☒

Q16 **CORRECT** 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

Q17 **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

Q18 **INCORRECT** 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 ☐

Q19 **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

Q20 **CORRECT** 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

Q21 **CORRECT** How many speed selection is used with indoor air blower in ductable multi split AC?

A. One - speed

B. Two - speed

C. Three - speed ☒

D. Four - speed

Q22 **INCORRECT** What is the maximum TR capacity operated with Single phase AC supply?

A. 1.00 TR

B. 1.5 TR ☐

C. 2.0 TR ☒

D. 5 TR

Q23 **CORRECT** What is the cooling capacity for 1.5 Ton of ductable split air conditioner?

- A. 3500 Kcal/hr
- B. 4000 Kcal/hr
- C. 4500 Kcal/hr ☒
- D. 5000 Kcal/hr

Q24 **INCORRECT** What is the test pressure of cooling coils during manufacture?

- A. 150 psig ☐
- B. 250 psig
- C. 350 psig ☒
- D. 450 psig

Q25 **CORRECT** What is the advantage of inverter split AC?

- A. Eliminates compressor
- B. High energy efficiency ☒
- C. Low energy efficiency
- D. Current drawn is high