

GOVT ITI PERDOOR

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

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Student Name	Vishnu prasad	Access Code	0342
Attempt No.	#1	Completion Time	10:15 AM
Rank	#10	Total Questions	25

17 SCORE

25 MAX MARKS

17 CORRECT

8 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 **INCORRECT** 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 **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

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 **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

Q19 **INCORRECT** 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 **INCORRECT** 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 **INCORRECT** What is the advantage of inverter split AC?

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