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Score: 13/25 (52.00%)

Code: 5054

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

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

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

- A) Thermostat B) Fusible plug
C) Bimetal strip (Correct) 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 (Incorrect)
C) Propeller fan D) Radial fan

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

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

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

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

7. 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 (Incorrect) 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** B) Five
 C) Four D) Three (Incorrect)

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

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

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

- A) Accumulator B) Compressor
 C) Evaporator **D) Condenser (Correct)**

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

- A) 15 meters **B) 12 meters (Correct)**
 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 (Correct) D) Vacuumisation

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

- A) Single speed (Correct)** B) Double speed
 C) Triple speed 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 D) Improves energy efficiency (Incorrect)

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 **D) Increase the cooling capacity (Correct)**

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

- A) 1 TR B) 1.5 TR (Incorrect)
C) 2.0 TR 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?
- A) Floor mounting B) Wall mounting
C) Ceiling mounting (Correct) D) Roof mounting
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20. What is the function of remote control in split AC?
- A) Humidity setting B) Pressure setting (Incorrect)
C) Drain water control **D) Transmits signal to operate AC**
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21. What is the cause for noisy fan motor in outdoor unit of split AC?
- A) Bearing worn out (Correct)** B) Motor Burnt
C) Shaft struck D) Blade bent
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22. 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 (Incorrect)
C) System pipes with minimum bends D) Install units as far as possible
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23. What is the reason for poor condensation in split AC?
- A) High ambient temperature (Correct)** B) Low ambient temperature
C) Condenser tube leaky D) Blower motor failure
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24. 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 (Correct) D) Relay malfunctions
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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
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