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Score: 18/38 (47.37%)

Code: 4371

1. What is the boiling point of refrigerant R-134a?

- A) 20.5 Degree Centigrade    B) 22.0 Degree Centigrade  
**C) 26.5 Degree Centigrade (Correct)**    D) 27.8 Degree Centigrade

2. What should be the high air flow rate permitted while doing performance checking in automobile AC system?

- A) 4 kg per min    B) 6 kg per min (Incorrect)  
**C) 8 kg per min**    D) 10 kg per min

3. Which is not the part of servo motor assembly?

- A) Gear reduction unit    B) Normal DC motor (Incorrect)  
 C) Position sensor    **D) Expansion valve**

4. How much DC supply voltage required for servo motor?

- A) 4 V to 8 V (Incorrect)    **B) 4.8 V to 6 V**  
 C) 3.5 V to 8 V    D) 5V to 7.5 V

5. Which wire of servo motor connected to power supply?

- A) White    B) Yellow  
 C) Black    **D) Red (Correct)**

6. What is the function of magnetic clutch in air conditioning system?

- A) Cool the hot refrigerant    **B) Connect and disconnect drive to compressor (Correct)**  
 C) Absorbs moisture in the system    D) Control the refrigerant flow to evaporator

7. What is the function of condenser?

- A) Control the refrigerant flow    B) Absorbs moisture in the system  
**C) Cool the hot refrigerant (Correct)**    D) Convert refrigerant to vapour

8. Which part of air conditioning system absorbs moisture in the system?

- A) Expansion valve    **B) Receiver**  
 C) Condenser (Incorrect)    D) Evaporator

9. Which part of air conditioning system remove heat from air and transfer to the refrigerant?

- A) Evaporator (Correct)**    B) Condenser  
 C) Receiver    D) Blower

10. Which type of flow mode is selected if outside is dusty and contaminated in car AC system?

- A) Recirculation mode (Correct)**    B) Fresh mode  
 C) Heating mode    D) Defroster mode

11. Which device acts as an evaporator temperature sensing switch?

- A) Thermostatic switch (Correct)**    B) Blower switch  
 C) Heater switch    D) Defroster switch

12. Where the ambient temperature sensor is located in the vehicle?

- A) Behind the grill**    B) Rear side of engine (Incorrect)  
 C) Front axle    D) Top of servo motor

13. What is the function ambient temperature sensor in the air conditioning system?

- A) Monitor air temperature inside vehicle (Incorrect)    **B) Monitor air temperature outside vehicle**  
 C) Monitor air temperature in driver cabin    D) Monitor air temperature at the exhaust

14. What is the advantage of using servo motor in air conditioning system?

- A) High speed operation possible**    B) Suitable for precision control of rotation (Incorrect)  
 C) Low cost of maintenance    D) Suitable to prevent vibration

15. Which sensor measures the actual body temperature of passengers?

- A) Smog sensor    B) Sun load sensor  
**C) Infrared sensor**    D) Interior temperature sensor (Incorrect)

16. Which sensor causes off the outside air inlet or other odours?

- A) Infrared sensor (Incorrect)    **B) Smog sensor**  
 C) Sunload sensor    D) Temperature sensor

17. Which labour act provide information regarding accidents death, or disability?

- A) Employees statate insuracne act 1948  
B) Employees P.F act 1952  
**C) Workers compensation act 1923**  
D) Minimum wages act 1948 (Incorrect)

18. What is the expansion of GPS in vehicle safety system?

- A) Global Placing Satellites (Incorrect)  
B) **Global Positioning Satellites**  
C) General Positioning Satellites  
D) Global Preventing Systems

19. What is the expansion of ICAT in the vehicle safety system?

- A) Indian computer advanced technology  
B) **Intelligent computerized anti theft system**  
C) Intelligent computer advanced techonlogy  
D) Indian combat advanced technology (Incorrect)

20. What is the advantage of multiplex network?

- A) Improve vehicle safety system (Incorrect)  
B) Prevent malfunctioning of air bag system  
C) Reduce system cost and weight  
D) **Determine vehicle tracking system**

21. Which system determine the vehicles location by forming a triangle with a group of four or more satallites?

- A) **Triangulation (Correct)**  
B) Reflective displays  
C) Telematic  
D) Networking and Multiplexing

22. Which sensor used for safer parking of vehicle?

- A) Infrared sensor  
B) **Proximity sensor**  
C) Crash sensor (Incorrect)  
D) Air bag sensor

23. What is the purpose of seat belt pre tensioners?

- A) **Hold the occupant tightly in the seat**  
B) Detect passengers weight  
C) Prevent the side way movement of seat  
D) Protect the occupant from head injury (Incorrect)

24. How to confirm the satisfactory function of air bag system?

- A) Air bag warming light come on during starting and stopping (Incorrect)  
B) Warming light on with engine running throught  
C) **Warning light on and flash few times and go out during starting**  
D) Peep sound on during starting

25. Which device inflate the air bag in few milli seconds during vehicle collision?

- A) Seat belt pre tensioners  
B) Steering lock  
C) GPS tracker  
D) **Inflator module (Correct)**

26. Why seat belt and air bag systems are necessary in the vehicle?

- A) Provide ventilation inside vehicle  
B) Prevent the steering wheel from turning  
C) **To protect the driver and passenger (Correct)**  
D) To track the stolen car

27. What is the purpose of engine immobilizer?

- A) Electric opening and closing of door  
B) Used to operate horn relay  
C) **Prevent from starting the engine (Correct)**  
D) o compensate from sun light entering vehicle

28. How much is the current consumption of wind shield wiper motor?

- A) **2.7 to 3.4 Amps (Correct)**  
B) 2.2 to 3.2 Amps  
C) 1.8 to 3.2 Amps  
D) 3.5 to 5.2 Amps

29. Which type of horn consist electically driven air pump forces air through plastic trumpet?

- A) **Wind horn**  
B) Wind horn  
C) Air horn  
D) Electric horn (Incorrect)

30. Which type of wipers are used for heavy motor vehicles?

- A) Hand operated wiper  
B) Vacuum operated wiper  
C) Hydraulically operated wiper (Incorrect)  
D) **Compressed air operated wiper**

31. Which is the most commonly used wiper in all motor vehicles?

- A) **Electrically operated wipers (Correct)**  
B) Hydraulically operated wipers  
C) Vacuum operated wipers  
D) Compressed air operated wipers

32. What is the cause of horn does not produce any sound?

- A) Relay point stuck up  
B) **Fuse blown off (Correct)**  
C) Low voltage at horn terminal  
D) Tone disc damaged

33. What causes horn sounds continuously even switch is in off position?

- A) Fuse blown off (Incorrect)  
B) Incorrectly adjusted relay  
C) **Relay point stuck up**  
D) Low battery voltage

34. Why horn produces low improper sound?

**A) Cracked diaphragm (Correct)**

B) Fuse blown off

C) Relay points stuck up

D) Open field coil winding

35. What is the necessity of wiper unit?

**A) To see road and traffic clearly (Correct)**

B) To provide easy steering

C) To reduce effort on the steering

D) To provide balancing of vehicle

36. Why power windows are provided with lock out switch controlled by a driver?

**A) Prevent accident**

B) Provide effective operation

C) Improve easy handling

D) Prevent damage to windows (Incorrect)

37. What is the cause of window glass is not lifting while motor running properly?

A) Glass door channels unserviceable

B) Motor is defective

**C) Window glass lifting regulator defective (Correct)**

D) Power window switch defective

38. What is the possible cause for immobilizer antenna error?

**A) ECM problem (Correct)**

B) Unregistered ignition key

C) Poor transponder in key

D) Blown fuse