

Loyola pvt ITI Vijayapur

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|--------------|---------------|-----------------|----------|
| Student Name | Vinod Biradar | Access Code | 4371 |
| Attempt No. | #1 | Completion Time | 12:22 PM |
| Rank | #1 | Total Questions | 38 |

18 SCORE

38 MAX MARKS

18 CORRECT

20 INCORRECT

Answer Review

Q1 CORRECT What is the boiling point of refrigerant R-134a?

A. 20.5 Degree Centigrade

B. 22.0 Degree Centigrade

C. 26.5 Degree Centigrade

D. 27.8 Degree Centigrade

Q2 INCORRECT 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

C. 8 kg per min

D. 10 kg per min

Q3 **INCORRECT** Which is not the part of servo motor assembly?

A. Gear reduction unit

B. Normal DC motor

C. Position sensor

D. Expansion valve

Q4 **INCORRECT** How much DC supply voltage required for servo motor?

A. 4 V to 8 V

B. 4.8 V to 6 V

C. 3.5 V to 8 V

D. 5V to 7.5 V

Q5 **CORRECT** Which wire of servo motor connected to power supply?

A. White

B. Yellow

C. Black

D. Red

Q6 **CORRECT** What is the function of magnetic clutch in air conditioning system?

A. Cool the hot refrigerant

B. Connect and disconnect drive to compressor

C. Absorbs moisture in the system

D. Control the refrigerant flow to evaporator

Q7 **CORRECT** What is the function of condenser?

- A. Control the refrigerant flow
- B. Absorbs moisture in the system
- C. Cool the hot refrigerant
- D. Convert refrigerant to vapour

Q8 **INCORRECT** Which part of air conditioning system absorbs moisture in the system?

- A. Expansion valve
- B. Receiver
- C. Condenser
- D. Evaporator

Q9 **CORRECT** Which part of air conditioning system remove heat from air and transfer to the refrigerant?

- A. Evaporator
- B. Condenser
- C. Receiver
- D. Blower

Q10 **CORRECT** Which type of flow mode is selected if outside is dusty and contaminated in car AC system?

- A. Recirculation mode
- B. Fresh mode
- C. Heating mode
- D. Defroster mode

Q11 **CORRECT** Which device acts as an evaporator temperature sensing switch?

A. Thermostatic switch

B. Blower switch

C. Heater switch

D. Defroster switch

Q12 **INCORRECT** Where the ambient temperature sensor is located in the vehicle?

A. Behind the grill

B. Rear side of engine

C. Front axle

D. Top of servo motor

Q13 **INCORRECT** What is the function ambient temperature sensor in the air conditioning system?

A. Monitor air temperature inside vehicle

B. Monitor air temperature outside vehicle

C. Monitor air temperature in driver cabin

D. Monitor air temperature at the exhaust

Q14 **INCORRECT** What is the advantage of using servo motor in air conditioning system?

A. High speed operation possible

B. Suitable for precision control of rotation

C. Low cost of maintenance

D. Suitable to prevent vibration

Q15 **INCORRECT** Which sensor measures the actual body temperature of passengers?

A. Smog sensor

B. Sun load sensor

C. Infrared sensor

D. Interior temperature sensor

Q16 **INCORRECT** Which sensor causes off the outside air inlet or other odours?

A. Infrared sensor

B. Smog sensor

C. Sunload sensor

D. Temperature sensor

Q17 **INCORRECT** 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

Q18 **INCORRECT** What is the expansion of GPS in vehicle safety system?

A. Global Placing Satellites

B. Global Positioning Satellites

C. General Positioning Satellites

D. Global Preventing Systems

Q19 **INCORRECT** 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

Q20 **INCORRECT** What is the advantage of multiplex network?

A. Improve vehicle safety system

B. Prevent malfunctioning of air bag system

C. Reduce system cost and weight

D. Determine vehicle tracking system

Q21 **CORRECT** Which system determine the vehicles location by forming a triangle with a group of four or more satallites?

A. Triangulation

B. Reflective displays

C. Telematic

D. Networking and Multiplexing

Q22 **INCORRECT** Which sensor used for safer parking of vehicle?

A. Infrared sensor

B. Proximity sensor

C. Crash sensor

D. Air bag sensor

Q23 **INCORRECT** 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

Q24 **INCORRECT** How to confirm the satisfactory function of air bag system?

A. Air bag warning light come on during starting and stopping

B. Warning light on with engine running through

C. Warning light on and flash few times and go out during starting

D. Peep sound on during starting

Q25 **CORRECT** 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

Q26 **CORRECT** 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

D. To track the stolen car

Q27 **CORRECT** 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
- D. o compensate from sun light entering vehicle

Q28 **CORRECT** How much is the current consumption of wind shield wiper motor?

- A. 2.7 to 3.4 Amps
- B. 2.2 to 3.2 Amps
- C. 1.8 to 3.2 Amps
- D. 3.5 to 5.2 Amps

Q29 **INCORRECT** 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

Q30 **INCORRECT** Which type of wipers are used for heavy motor vehicles?

- A. Hand operated wiper
- B. Vacuum operated wiper
- C. Hydraulically operated wiper
- D. Compressed air operated wiper

Q31 **CORRECT** Which is the most commonly used wiper in all motor vehicles?

- A. Electrically operated wipers
- B. Hydraulically operated wipers
- C. Vacuum operated wipers
- D. Compressed air operated wipers

Q32 **CORRECT** What is the cause of horn does not produce any sound?

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

Q33 **INCORRECT** What causes horn sounds continuously even switch is in off position?

- A. Fuse blown off
- B. Incorrectly adjusted relay
- C. Relay point stuck up
- D. Low battery voltage

Q34 **CORRECT** Why horn produces low improper sound?

- A. Cracked diaphragm
- B. Fuse blown off
- C. Relay points stuck up
- D. Open field coil winding

Q35 **CORRECT** What is the necessity of wiper unit?

A. To see road and traffic clearly

B. To provide easy steering

C. To reduce effort on the steering

D. To provide balancing of vehicle

Q36 **INCORRECT** 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

Q37 **CORRECT** 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

D. Power window switch defective

Q38 **CORRECT** What is the possible cause for immobilizer antenna error?

A. ECM problem

B. Unregistered ignition key

C. Poor transponder in key

D. Blown fuse