

Student Name: _____ Roll No: _____

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

- A) Prevent damage to windows
B) Improve easy handling
C) Provide effective operation
D) Prevent accident

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

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

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

- A) Indian combat advanced technology
B) Inteligent computerized anti theft system
C) Indian computer advanced technology
D) Inteligent computer advanced techonlogy

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

- A) Temperature sensor
B) Infrared sensor
C) Smog sensor
D) Sunload sensor

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

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

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

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

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

- A) Warning light on and flash few times and go out during starting
B) Peep sound on during starting

- C) Air bag warming light come on during starting and stopping
D) Warming light on with engine running throught

8. Why horn produces low improper sound?

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

9. 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

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

- A) Poor transponder in key
B) ECM problem
C) Unregistered ignition key
D) Blown fuse

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

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

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

- A) Black
B) Red
C) Yellow
D) White

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

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

14. What is the advantage of multiplex network?

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

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

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

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

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

17. What is the function of condenser?

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

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

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

19. What is the purpose of engine immobilizer?

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

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

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

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

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

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

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

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

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

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

- A) Blower switch
- B) Heater switch
- C) Thermostatic switch
- D) Defroster switch

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

- A) 4.8 V to 6 V
- B) 4 V to 8 V

C) 5V to 7.5 V

D) 3.5 V to 8 V

26. 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

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

- A) Air horn
- B) Wind horn
- C) Wind horn
- D) Electric horn

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

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

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

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

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

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

31. What is the necessity of wiper unit?

- A) To provide easy steering
- B) To provide balancing of vehicle
- C) To reduce effort on the steering
- D) To see road and traffic clearly

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

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

33. Which sensor used for safer parking of vehicle?

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

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

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

35. Which is the most commonly used wiper in all motor

vehicles?

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

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

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

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

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

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

- A) Glass door channels unserviceable
- B) Power window switch defective
- C) Motor is defective
- D) Window glass lifting regulator defective