

ITI Quiz - 28-Apr-2026 09:42 AM

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26.53% 26 / 98

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Attempt No.	#1	Completion Time	09:52 AM
Rank	#1	Total Questions	98

26 SCORE

98 MAX MARKS

26 CORRECT

72 INCORRECT

Answer Review

Q1 **INCORRECT** 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 **INCORRECT** 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 **INCORRECT** 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** What is the colour of pilot lamp provided in the vehicle?

A. Red

B. Green

C. White

D. Orange

Q18 **INCORRECT** What is the colour of front indicator lamps?

A. Red

B. White

C. Green

D. Orange

Q19 **INCORRECT** What is the expansion of LED?

A. Long electrical diodes

B. Light electronic diodes

C. Light emitting diodes

D. Limited electrical data

Q20 **INCORRECT** What is the gas filled in the sealed beam head lights?

A. Oxygen gas

B. Nitrogen gas

C. Argon gas

D. Hydrogen gas

Q21 **INCORRECT** Where the red colour indicator lamps are provided in the vehicle?

A. Front side

B. Pilot lamp

C. Side of vehicle

D. Rear side

Q22 **CORRECT** What is the advantage of using side indicator in a vehicle?

A. Prevent accident while turning left and right

B. Provide effective illumination

C. Indicate the vehicle behind

D. Provide enough visibility

Q23 **CORRECT** What is the use of cornering light in a vehicle?

A. Provide interior illumination

B. Highlight the blind spot during bend

C. Indicate traffic behind vehicle

D. Provide enough visibility to driver

Q24 **INCORRECT** Which type of head light provide 25% more light than sealed beam head lights?

A. Neon type head light

B. Halogon head light

C. LED type head light

D. LCD type head light

Q25 **CORRECT** Which type of lights provide maximum brightness in a shorter time?

A. LED light

B. LCD light

C. Halogon light

D. Neon light

Q26 **CORRECT** What is the purpose of indexing pin provided in the bulb case?

A. Complete the circuit

B. Retain the bulb in the socket

C. Prevent damage to light

D. For easy identification

Q27 **CORRECT** What is the use of single red lamp of 24 watts fitted at the rear?

A. Provide enough visibility

B. Give indication the traffic behind

C. Help driver to see full width of road

D. Provide interior illumination

Q28 **INCORRECT** What is the use of tail light?

A. Indication to vehicle behind

B. Indication to slowing down

C. Provide interior illumination

D. Provide enough visibility

Q29 **INCORRECT** Which light give indication to the traffic behind the vehicle for slowing down?

A. Stop light

B. Fog light

C. Dome light

D. Head light

Q30 **INCORRECT** Which light provide effective illumination during snowfall?

A. Head light

B. Parking light

C. Fog light

D. Stop light

Q31 **INCORRECT** What is the purpose of dome light circuit?

A. Panel board gauges indication

B. Interior illumination

C. Used for parking vehicle on road

D. Provide enough visibility to driver

Q32 **INCORRECT** Which circuit provide miniature bulbs to know the working gauges?

A. Panel light circuit

B. Head light circuit

C. Parking light circuit

D. Stop light circuit

Q33 **CORRECT** What is the use of two small lamps fitted front and rear of vehicle?

A. Used for visibility

B. Provide illumination

C. Used for parking on the road

Q34 **INCORRECT** Which lighting circuit provided with dip and dim switch?

A. Parking light circuit

B. Head light circuit

C. Panel light circuit

D. Fog light circuit

Q35 **INCORRECT** What is the purpose of ?V? pulley in the charging system?

A. Drive the cam shaft

B. Rotate the alternator rotor

C. Drive the crank shaft

D. Support rectifier mounting plates

Q36 **INCORRECT** Which type of DC starter motor generally used in automoniles?

- A. Series type
- B. Shunt type
- C. Compound type
- D. Parallel type

Q37 **INCORRECT** What is the working principle of alternator?

- A. Ohms law
- B. Law of resistance
- C. Electromagnetic induction
- D. Lenz's law

Q38 **INCORRECT** What is the material used to make diodes?

- A. Mica
- B. Silicon
- C. Alumina foil
- D. Graphite

Q39 **INCORRECT** Which part of bendix drive starting system limit the turning of the sleeve on the armature shaft?

- A. Pinion
- B. Bendix drive spring
- C. Anti drift spring
- D. Fly wheel

Q40 **CORRECT** What is the purpose of slot provided in the laminated cylindrical iron core of stator assembly?

A. For lubrication

B. For fitting insulated windings

C. For easy fitting

D. Provide space for cooling

Q41 **INCORRECT** What is the function of over running clutch in the starting system?

A. Protect armature from damage

B. Prevent sliding movement of pinion

C. Operate the solenoid

D. Drive the armature shaft

Q42 **CORRECT** How the alternator field terminal is connected to the battery?

A. By ignition switch

B. By indicator lamp

C. By charge indicator

D. By voltage regulator

Q43 **CORRECT** What is the function of drive end frame in the alternator?

A. Carriers driving pulley

B. Connecting to spring loaded brush

C. Allow current flow in one direction

D. Support the pre lubricated sealed bearing

Q44 **INCORRECT** What is the function of solenoid switch?

A. Open and close the circuit between primary and secondary

B. Stepdown voltage from primary to secondary winding

C. Close the contact between battery and starting motor

D. Shift the lever to engage the plunger

Q45 **INCORRECT** What is the function of rotor assembly?

A. Supports pre lubricated scaled bearing

B. Carriers driving pulley and cooling fan

C. Allow the current flow in one direction

D. Supports rectifier mounting plates

Q46 **INCORRECT** Which type of winding is connected to the starter switch in the solenoid switch?

A. Pull in winding

B. Hold in winding

C. Compound winding

D. Primary winding

Q47 **CORRECT** What is the minimum RPM of crank shaft required to start the engine?

A. 180 RPM

B. 200 RPM

C. 100 RPM

D. 150 RPM

Q48 **CORRECT** Where the starter motor located?

A. Front side of engine

B. Rear side of engine

C. Top side of engine

D. Bottom of engine

Q49 **INCORRECT** What is the advantage of series winding type starter motor?

A. Produce high starting torque

B. Produce constant starting torque

C. Increase the life of armature

D. Less cost of maintenance

Q50 **INCORRECT** Why it is necessary to disengage the starter pinion from fly wheel ring gear once the engine has started?

A. Prevent damage to starter motor

B. Prevent wastage of current

C. Reduce the wear on commutator

D. Increase the fuel efficiency

Q51 **INCORRECT** How the armature winding ends are connected with commutator?

A. By welding

B. By soldering

C. By riveting

D. By brazing

Q52 **INCORRECT** What is the purpose of alternator?

A. Produce more electricity at high RPM

B. Produce more electricity at low RPM

C. Produce constant electric supply at high RPM

D. Produce variable electric supply at high RPM

Q53 **CORRECT** What is the function of diodes?

A. Convert AC to DC

B. Convert DC to AC

C. Step up voltage

D. Step down voltage

Q54 **CORRECT** Which device used to prevent damage to the battery and other electrical accessories?

A. Voltage regulator

B. Current regulator

C. Distributor assembly

D. Alternator

Q55 **INCORRECT** What is the adverse effect of fly wheel ring to starter pinion ratio is very high?

A. Reduce the starting torque

B. Damage to starter motor

C. Increase the starting torque

D. Starter motor fails to start

Q56 **CORRECT** Why the brushes are provided with a curvature at the bottom in the starting system?

- A. Prevent wear on commutator
- B. Provide more contact with commutator
- C. Ensure proper heat dissipation
- D. Provide ventilation to commutator

Q57 **INCORRECT** What is the contributory cause of starter motor running but not cranking?

- A. Abnormally worn brush
- B. Over running clutch slipping
- C. Faulty ECM circuit
- D. Poor contacting action of ignition

Q58 **INCORRECT** What will be the result of worn teeth of ring gear in the starting system?

- A. Motor running but too fast
- B. Motor not running no operating sound of magnetic switch
- C. Starter motor running too slow
- D. Starter motor running but not cranking

Q59 **CORRECT** What is the possible cause of motor not running and no operating sound of magnetic switch?

- A. Burnt commutator
- B. Battery discharged
- C. Worn brushes
- D. Worn pinion tip

Q60 **INCORRECT** Why anti drift spring is provided in the bendix drive starting system?

- A. Provide grip over armature shaft
- B. Avoid the side way movement of armature shaft
- C. Prevent pinion striking fly wheel
- D. Resist wear on the fly wheel

Q61 **INCORRECT** What is the cause of low voltage output from alternator?

- A. Faulty regulator
- B. Loose mountings
- C. Wornout bearing
- D. Loose drive pulley

Q62 **INCORRECT** What causes charges at high rate in the alternator?

- A. Open rectifier circuit
- B. Open field current
- C. Voltage regulator setting too low
- D. Voltage regulator setting too high

Q63 **INCORRECT** What will be the result of loose drive pulley in the alternator?

- A. Charges at high rate
- B. Low voltage output from alternator
- C. No change when engine running
- D. Alternator noisy

Q64 **INCORRECT** What causes no charge when engine is running?

A. Drive belt loose

B. Shorted rectifier

C. Sticky regulator

D. Brushes not seating properly

Q65 **INCORRECT** Which labour act provide information regarding accidents death, or disability?

A. Employees state insurance act 1948

B. Employees P.F act 1952

C. Workers compensation act 1923

D. Minimum wages act 1948

Q66 **INCORRECT** Which act regulate the payment of wages to certain class of persons?

A. Payment of wages act 1936

B. Trade union act 1926

C. Minimum wages act 1948

D. Equal remuneration act 1976

Q67 **INCORRECT** Which manual provide information regarding employment in india laws framed by state and central governments?

A. Shop manual

B. Labour guide

C. Owners manual

D. Repair manual

Q68 **INCORRECT** Which type of manual provide information about engine no, chassis no and engine capacity?

A. Shop manual

B. Labour guide

C. Repair manual

D. Owners manual

Q69 **INCORRECT** Which type of manual give details about sequence of operation of the vehicle?

A. Shop manual

B. Owners manual

C. Repair manual

D. Labour guide

Q70 **INCORRECT** Which type of ECU control the power windows of vehicle?

A. ECM

B. EBCM

C. BCM

D. VCM

Q71 **INCORRECT** Which type of ECU is the combination of ECM and TCM in the vehicle?

A. PCM

B. EBCM

C. BCM

D. VCM

Q72 **CORRECT** What is the function of vehicle control module?

- A. Control actuators of engine
- B. Control engine and vehicle performance
- C. Handle transmission
- D. Control anti clock brake system

Q73 **CORRECT** Which type of ECU control actuators of engine?

- A. VCM
- B. TCM
- C. ECM
- D. EBCM

Q74 **INCORRECT** What does the 3rd digit code no 9. indicate system trouble in scan tool letter codes?

- A. Ignition system
- B. Input/out signal and controls
- C. Emission system
- D. Computer system

Q75 **INCORRECT** What does the third digit of system trouble code no.6 deals with in scan tool letter code?

- A. Ignition system
- B. Emission system
- C. Computer system
- D. Transmission system

Q76 **INCORRECT** What does the first unit identify in the scan tool letter code?

- A. Manufacturer unique number
- B. Trouble code reference system**
- C. Type of error
- D. Specific failure

Q77 **CORRECT** What is the motive of vehicle information report?

- A. Provide information about vehicle registration history**
- B. Provide information about tracking of vehicle
- C. Provide information about vehicle safety
- D. Provide information about warming system

Q78 **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

Q79 **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

Q80 **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

Q81 **INCORRECT** 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

Q82 **CORRECT** Which sensor used for safer parking of vehicle?

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

Q83 **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

Q84 **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

Q85 **INCORRECT** Which device inflates the air bag in few milli seconds during vehicle collision?

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

Q86 **INCORRECT** 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

Q87 **INCORRECT** 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. To compensate from sun light entering vehicle

Q88 **INCORRECT** 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

Q89 **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

Q90 **CORRECT** 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

Q91 **INCORRECT** 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

Q92 **INCORRECT** 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

Q93 **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

Q94 **INCORRECT** Why horn produces low improper sound?

A. Cracked diaphragm

B. Fuse blown off

C. Relay points stuck up

D. Open field coil winding

Q95 **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

Q96 **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

Q97 **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

Q98 **INCORRECT** What is the possible cause for immobilizer antenna error?

A. ECM problem

B. Unregistered ignition key

C. Poor transponder in key

D. Blown fuse