Trinity ITI

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48.61% 35 / 72

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Attempt No.	#1	Completion Time	10:29 AM
Rank	#7	Total Questions	72

35 SCORE	**72** MAX MARKS	**35** CORRECT	**31** INCORRECT

Answer Review

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

A. Red □

B. Green □

C. White

D. Orange

Q2 CORRECT What is the colour of front indicator lamps?

A. Red

B. White

C. Green

D. Orange □

Q3 CORRECT What is the expansion of LED?

A. Long electrical diodes

B. Light electronic diodes

C. Light emitting diodes □

D. Limited electrical data

Q4 INCORRECT What is the gas filled in the sealed beam head lights?

A. Oxygen gas □

B. Nitrogen gas

C. Argon gas □

D. Hydrogen gas

Q5 CORRECT Where the red colour indicator lamps are provided in the vehicle?

A. Front side

B. Pilot lamp

C. Side of vehicle

D. Rear side □

Q6 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

Q7 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

Q8 CORRECT 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

Q9 CORRECT Which type of lights provide maximum brightness in a shorter time?

A. LED light □

B. LCD light

C. Halogan light

D. Neon light

Q10 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

Q11 INCORRECT 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

Q12 CORRECT 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

Q13 CORRECT 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

Q14 INCORRECT Which light provide effective illumination during snowfall?

A. Head light □

B. Parking light

C. Fog light □

D. Stop light

Q15 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

Q16 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

Q17 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

Q18 CORRECT 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

Q19 CORRECT 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

Q20 INCORRECT What is the expansion of ICAT in the vehicle safety system?

A. Indian computer advanced technology

B. Inteligent computerized anti theft system □

C. Inteligent computer advanced techonlogy □

D. Indian combat advanced technology

Q21 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 □

Q22 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

Q23 CORRECT Which sensor used for safer parking of vehicle?

A. Infrared sensor

B. Proximity sensor □

C. Crash sensor

D. Air bag sensor

Q24 INCORRECT What is the purpose of seat belt pre tensioners?

A. Hold the ocupant tightly in the seat □

B. Detect passengers weight

C. Prevent the side way movement of seat □

D. Protect the occupant from head injury

Q25 INCORRECT How to confirm the satisfactory function of air bag system?

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

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 □

Q26 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 □

Q27 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

Q28 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

Q29 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

Q30 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

Q31 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

Q32 UNANSWERED 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

Q33 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

Q34 CORRECT 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

Q35 INCORRECT Why horn produces low improper sound?

A. Cracked diaphragm

B. Fuse blown off

C. Relay points stuck up

D. Open field coil winding

Q36 CORRECT What is the necessicity of wiper unit?

A. To see road and traffic clearly

B. To provide easy steering

C. To reduce effert on the steering

D. To provide balancing of vehicle

Q37 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

Q38 INCORRECT 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

Q39 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

Q40 INCORRECT What is the firing order for four cylinder engine?

A. 1,3,4,2

B. 1,2,3,4

C. 2,3,1,4

D. 3,1,4,2

Q41 INCORRECT What is the temperature limit set to ON/OFF for the radiator control system?

A. ON and OFF at below 98 Degree Centigrade and 93 Degree Centigrade

B. ON and OFF at above 98 Degree Centigrade and 93 Degree Centigrade

C. ON and OFF at below 93 Degree Centigrade and 84 Degree Centigrade

D. ON and OFF at above 90 Degree Centigrade and 81 Degree Centigrade

Q42 UNANSWERED Which law states that the induction of electromotive force in any closed circuit is equal to the rate of change of magnetic flux?

A. Law of resistance

B. Ohms law

C. Charles law

D. Faradays law

Q43 UNANSWERED What is the permitted spark plug gap in general?

A. 2.83 mm

B. 2.03 mm

C. 2.53 mm

D. 2.92 mm

Q44 INCORRECT How many spark plugs are ignited at the same time in the distributor less ignition system?

A. Two

B. Three

C. Four

D. Five

Q45 CORRECT What is the function of distributor in the battery ignition system?

A. Distribute high tension current from ignition coil to secondary winding

B. Distribute high tension current flow ignition coil to spark plugs

C. Opens and closes the secondary circuit of coil

D. Distribute low tension current to ignition coil

Q46 CORRECT What is the purpose of condensor in the ignition system?

A. Distribute high tension current to spark

B. Insulate spark plug electrodes

C. Prevents arcs at the points

D. Open and close the primary circuit

Q47 INCORRECT What is the achived through spark plug end gap design?

A. Improve combustion swirl □

B. Increase the fuel pressure

C. Improve fuel atomisation

D. Helps for the complete ignition □

Q48 INCORRECT Why many engines use spark plugs with tapered seats?

A. Helps in easy fitting

B. Produce correct alignment

C. Provide clearance space □

D. Produce good sealing □

Q49 UNANSWERED What will be the effect of the long heat path travel in the spark plug?

A. Spark plug will run cooler

B. Life of spark plug increased

C. Spark plug will run hot □

D. Improper atomisation

Q50 INCORRECT What is the purpose of breaker plate in the distributor?

A. Acts as contact breaker □

B. Prevents dirt, carbon into distributor □

C. Conduct the ignition surge to the electrode

D. Distribute high tension surge to ignition coil

Q51 UNANSWERED Which electronic control system prevent stalling of engine when additional loads are placed on the engine?

A. Fuel injection control system

B. Fuel pump control system

C. Idle speed control system

D. Ignition control system

Q52 INCORRECT How much is the difference in resistance is permitted in the temperature sensor unit?

A. More than 100 ohms

B. More than 150 ohms

C. More than 200 ohms

D. More than 400 ohms

Q53 INCORRECT What is the function of thermo time switch in engine control module?

A. Sense exhaust gas temperature

B. Sense engine coolant temperature

C. Indicate lubricant temperature

D. Indicate fuel temperature

Q54 CORRECT Which instrument indicate engine RPM in the engine control module?

A. Pyno meter

B. Tachometer

C. Galvano meter

D. Hydro meter

Q55 CORRECT Where the engine control module installed in the engine?

A. Under side of instrument panel □

B. In the gear box assembly

C. Near the fly wheel

D. Front side of radiator

Q56 INCORRECT Which electronic control system supplies optimum airfuel mixture to the combustion chamber under different driving condition?

A. Idle speed control system □

B. Fuel injection control system □

C. Ignition control system

D. Oil pump control system

Q57 CORRECT Which part of electronic fuel injection system controls opening of bypass air passage?

A. Pressure relief valve

B. Idle air control valve □

C. Throttle valve

D. Check valve

Q58 CORRECT Which part of ignition system connects and disconnects primary circuit?

A. Distributor

B. Condenser

C. Contact breaker □

D. Ignition coil

Q59 CORRECT What is the function of ignition coil?

A. Step up low voltage to high voltage

B. Step down high voltage to low voltage

C. Connect the primary circuit to ignition switch

D. Disconnect the secondary circuit to

Q60 CORRECT Which sensor located in the intake manifold or throttle body?

A. Mass air flow sensor

B. Oxygen sensor

C. Hall effect sensor

D. Air vertex sensor

Q61 CORRECT Which type of sensor located at the exhaust manifold?

A. Hall effect sensor

B. Oxygen sensor

C. Air vertex sensor

D. Mass air flow sensor

Q62 UNANSWERED Which sensor used to measure the magnitude of a magnetic field?

A. Air vertex sensor

B. Voltage sensor

C. Hall effect sensor

D. Engine knocking sensor

Q63 CORRECT Which senor is used to sense vibration?

A. Engine knocking sensor

B. Hall effect sensor

C. Air vertex sensor

D. Vehicle speed sensor

Q64 CORRECT Which type of sensor used to monitor the injection timing and ignition timing of engine?

A. Pressure sensor

B. Throttle position sensor

C. Crank and cam, shaft position sensor

D. Engine knocking sensor

Q65 INCORRECT Which sensor is used to alert the driver of unseen obstacles?

A. Speed sensor

B. Parking sensor

C. Torque sensor

D. Pressure sensor

Q66 CORRECT Which part of cold start system allow additional air to bypass the throttle plate?

A. Auxiliary air valve

B. Air supply relay

C. Thermo time switch

D. Oxygen sensor

Q67 INCORRECT What is the purpose of tachometer?

A. Indicate coolant temperature

B. Indicate engine RPM □

C. Indictae fuel level □

D. Indicate oil pressure

Q68 INCORRECT What is the advantage of EFI engine management system?

A. Increased thermal efficiency

B. Increased mechanical efficiency

C. Better starting and acceleration □

D. Effective fuel distribution achived □

Q69 CORRECT What is the special feature of cold start system?

A. Provide additional fuel during starting □

B. Provide positive starting

C. Intake manifold

D. Determine timing and sequence of fuel injection

Q70 INCORRECT What is the effect on engine performance if air leak in the induction system observed?

A. Engine hard to start - Hot □

B. Engine cranks but will not start

C. Pressure regulator

D. Engine produce abnormal noise □

Q71 CORRECT What is the contributory cause for the engine hard to start - cold?

A. Thermo time switch faulty □

B. Defective oil pressure

C. Faulty fuel filter

D. Damaged radiator

Q72 INCORRECT What is the cause of electrodes burning in the spark plug?

A. Plug runs too cold □

B. Incorrect tappet clearance

C. Plug runs too hot □

D. Incorrect fuel mixture