

Duration: 60 Mins**Total Marks: 20****Q.ID: ITISKILL5306EB****1. What is the purpose of breaker plate in the distributor?**

- A) Distribute high tension surge to ignition coil
 B) Prevents dirt, carbon into distributor
 C) Conduct the ignition surge to the electrode
 D) Acts as contact breaker

Answer: B) Prevents dirt, carbon into distributor**2. Which type of sensor located at the exhaust manifold?**

- A) Hall effect sensor
 B) Air vertex sensor
 C) Mass air flow sensor
 D) Oxygen sensor

Answer: D) Oxygen sensor**3. 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

Answer: A) ON and OFF at below 98 Degree Centigrade and 93 Degree Centigrade**4. Which sensor used to measure the magnitude of a magnetic field?**

- A) Hall effect sensor
 B) Voltage sensor
 C) Engine knocking sensor
 D) Air vertex sensor

Answer: A) Hall effect sensor**5. Which electronic control system supplies optimum airfuel mixture to the combustion chamber under different driving condition?**

- A) Idle speed control system
 B) Ignition control system
 C) Oil pump control system
 D) Fuel injection control system

Answer: D) Fuel injection control system**6. What is the function of distributor in the battery ignition system?**

- A) Distribute low tension current to ignition coil
 B) Distribute high tension current flow ignition coil to spark plugs
 C) Distribute high tension current from ignition coil to secondary winding
 D) Opens and closes the secondary circuit of coil

Answer: B) Distribute high tension current flow ignition coil to spark plugs**7. Which sensor is used to alert the driver of unseen obstacles?**

- A) Pressure sensor
 B) Torque sensor
 C) Speed sensor
 D) Parking sensor

Answer: D) Parking sensor**8. Which part of ignition system connects and disconnects primary circuit?**

- A) Condenser
 B) Distributor
 C) Ignition coil
 D) Contact breaker

Answer: D) Contact breaker**9. Which part of cold start system allow additional air to bypass the throttle plate?**

- A) Air supply relay
 B) Thermo time switch
 C) Oxygen sensor
 D) Auxiliary air valve

Answer: D) Auxiliary air valve**10. Which sensor located in the intake manifold or throttle body?**

- A) Oxygen sensor
 B) Air vertex sensor
 C) Hall effect sensor
 D) Mass air flow sensor

Answer: D) Mass air flow sensor**11. What is the advantage of EFI engine management system?**

- A) Better starting and acceleration
 B) Increased mechanical efficiency
 C) Increased thermal efficiency
 D) Effective fuel distribution achieved

Answer: A) Better starting and acceleration**12. What is the effect on engine performance if air leak in the induction system observed?**

- A) Pressure regulator
 B) Engine produce abnormal noise
 C) Engine cranks but will not start
 D) Engine hard to start - Hot

Answer: D) Engine hard to start - Hot**13. Why many engines use spark plugs with tapered seats?**

- A) Helps in easy fitting
 B) Produce good sealing
 C) Produce correct alignment
 D) Provide clearance space

Answer: B) Produce good sealing**14. What is the function of thermo time switch in engine**

control module?

- A) Indicate fuel temperature
- B) Sense exhaust gas temperature
- C) Sense engine coolant temperature
- D) Indicate lubricant temperature

Answer: C) Sense engine coolant temperature

15. Which instrument indicate engine RPM in the engine control module?

- A) Hydro meter
- B) Tachometer
- C) Pyno meter
- D) Galvano meter

Answer: B) Tachometer

16. What is the function of ignition coil?

- A) Step down high voltage to low voltage
- B) Connect the primary circuit to ignition switch
- C) Disconnect the secondary circuit to
- D) Step up low voltage to high voltage

Answer: D) Step up low voltage to high voltage

17. What is the firing order for four cylinder engine?

- A) 2,3,1,4
- B) 1,2,3,4
- C) 3,1,4,2
- D) 1,3,4,2

Answer: D) 1,3,4,2

18. Which sensor is used to sense vibration?

- A) Engine knocking sensor
- B) Vehicle speed sensor
- C) Hall effect sensor
- D) Air vertex sensor

Answer: A) Engine knocking sensor

19. What is the purpose of tachometer?

- A) Indicate engine RPM
- B) Indictae fuel level
- C) Indicate oil pressure
- D) Indicate coolant temperature

Answer: A) Indicate engine RPM

20. Which type of sensor used to monitor the injection timing and ignition timing of engine?

- A) Throttle position sensor
- B) Crank and cam, shaft position sensor
- C) Engine knocking sensor
- D) Pressure sensor

Answer: B) Crank and cam, shaft position sensor