

ITI Quiz - 15-Oct-2026

09:25 AM

Q. ID: ITISKILL3737UT

October 2026

Answer Key

Duration: 30 Mins

Total Marks: 25

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1. Which part of ignition system connects and disconnects primary circuit?

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

Answer: D) Contact breaker

2. Which type of wheel consist two separate discs are clamped together?

- A) Disc wheel
- B) Split wheel
- C) Wire wheel
- D) Heavy vehicle

Answer: B) Split wheel

3. What is the reason of faster wear out of tyre edges?

- A) Defective suspension system
- B) Under inflated tyre
- C) Over inflated tyre
- D) Un equal load distribution

Answer: B) Under inflated tyre

4. When the driver is warned of difference in tyre pressure?

- A) Difference in pressure exceeds 40%
- B) Difference in pressure more than 10%
- C) Difference in pressure exceeds 30%
- D) Difference in pressure more than 20%

Answer: C) Difference in pressure exceeds 30%

5. What is the purpose of condensor in the ignition system?

- A) Distribute high tension current to spark
- B) Prevents arcs at the points
- C) Open and close the primary circuit
- D) Insulate spark plug electrodes

Answer: B) Prevents arcs at the points

6. What is the range of steering ratio available in general?

- A) 10 : 1 to 18 :1
- B) 8 : 2 to 22 : 2
- C) 11 : 2 to 22 : 2
- D) 11 : 1 to 24 : 1

Answer: D) 11 : 1 to 24 : 1

7. What will be effect of unequal castor in the vehicle?

- A) Vehicle will not move
- B) Driver have to use less effort on steering
- C) Increase steering stability
- D) Vehicle pull to one side wheel

Answer: D) Vehicle pull to one side wheel

8. What is the maximum air pressure supplied by the

compressor in the air suspension system?

- A) 100 to 115 PSI
- B) 120 to 125 PSI
- C) 200 to 215 PSI
- D) 180 to 210 PSI

Answer: B) 120 to 125 PSI

9. What is the purpose of dome light circuit?

- A) Interior illumination
- B) Panel board gauges indication
- C) Used for parking vehicle on road
- D) Provide enough visibility to driver

Answer: A) Interior illumination

10. What is the role of recirculating balls in the integral power steering?

- A) Provide hard steering
- B) Affect steering stability
- C) Combine high mechanical efficiency with smooth operation
- D) Prevent control in event of hydraulic failure

Answer: C) Combine high mechanical efficiency with smooth operation

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

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

Answer: B) To protect the driver and passenger

12. What is the recommended valve of combined angle in the steering system?

- A) 12 - 15 Degree
- B) 5 - 8 Degree
- C) 15 - 18 Degree
- D) 9 - 10 Degree

Answer: D) 9 - 10 Degree

13. What is the disadvantage of independent suspension system?

- A) Shocks transmitted from one wheel to other
- B) More maintainance cost
- C) Spring weight is more
- D) Vibration damping is less effective

Answer: B) More maintainance cost

14. Which type of gear converts rotary motion in to linear motion and vice versa?

- A) Spur gear
- B) Rack and Pinion

- C) Helical gears D) Bevel gear

Answer: B) Rack and Pinion

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

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

Answer: B) 26.5 Degree Centigrade

16. What is the advantage of series winding type starter motor?

- A) Less cost of maintance B) Increase the life of armature
C) Produce constant starting torque D) Produce high starting torque

Answer: D) Produce high starting torque

17. What is the name of distance between most protruding portions on both sides of tyre?

- A) Tyre outer diameter B) Tyre height
C) Thread radious D) Tyre width

Answer: D) Tyre width

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

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

Answer: A) Workers compensation act 1923

19. What is the working principle of alternator?

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

Answer: B) Electromagnetic induction

20. Which type of system is to isolate the vehicle body from

road shock and vibration?

- A) Control system B) Steering system
C) Hydraulic system D) Suspension system

Answer: D) Suspension system

21. What is the reason of steering wheel play excess?

- A) Drop in pressure B) Wornout sealing rings
C) Improper pre load defective steering D) Low oil level

Answer: C) Improper pre load defective steering

22. What is the name of seal used between two parts that do not move in relation to each other?

- A) Teflow seal B) Square cut seal
C) Static seal D) Dynamic seal

Answer: C) Static seal

23. Which type of ECU is the combination of ECM and TCM in the vehicle?

- A) BCM B) PCM
C) VCM D) EBCM

Answer: B) PCM

24. Which type of synchromesh gear box will produce torque more than three times of other types?

- A) Multi and Double cone B) Baulk type
C) Porche type D) Baulk ring type

Answer: A) Multi and Double cone

25. What is the advantage of EFI engine management system?

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

Answer: B) Better starting and acceleration