

MMV Monthly test for the month of April 2026

Q. ID: ITISKILL3872FY

April 2026

GITI Belur

Question Paper

Duration: 30 Mins

Total Marks: 34

ID: ITISKILL3872FY

Student Name: _____ Roll No: _____

1. Which tool is used to set compression ring into the piston?

- A) Piston ring expander
- B) Piston ring compression
- C) Piston pin remover
- D) Piston groover

2. What is the cause for engine fails to start?

- A) Defective starter motor
- B) Defective water pump
- C) Defective oil pump
- D) Defective thermostat

3. Which type of fuel is recommended for catalytic converter installed engines?

- A) High speed diesel
- B) Low speed diesel
- C) Leaded petrol
- D) Unleaded petrol

4. Which is produced AC output in alternator?

- A) Electro magnetic induction
- B) Self induction
- C) Mutual induction
- D) Reactance

5. Which type of suspension spring made of fibre glass, laminated and bonded together by tough polyster resins?

- A) Fiber composite springs
- B) Monoleaf springs
- C) Multiple leaf springs
- D) Coil springs

6. What is the advantage of multiplex network?

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

7. 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

8. Which type of winding is connected to the starter switch in the solenoid switch?

- A) Compound winding
- B) Pull in winding
- C) Primary winding
- D) Hold in winding

9. What is the possible cause of engine runs erratically?

- A) High compression
- B) Weak compression
- C) Air lock in fuel system
- D) Poor oil circulation

10. Which device in the air suspension system observe vibration of low amplitude and high frequency?

- A) Suspension spring
- B) Air bags in the system
- C) Leaf spring
- D) Shock absorber

11. What is the disadvantage of independent suspension system?

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

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

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

13. Which acid is used in the lead acid Battery?

- A) Hydro chloric acid
- B) Hydro bromic acid
- C) Nitric acid
- D) Sulphuric acid

14. What is the outcome of starting engine with corroded battery terminals?

- A) Engine will be over heated
- B) Low power generation
- C) Engine run erratically
- D) Engine will not start

15. What is heat?

- A) Force
- B) Velocity
- C) Torque
- D) Energy

16. What is the possible cause of high fuel consumption?

- A) Low fuel in the tank
- B) High compression pressure
- C) Wrong injection timing
- D) High fuel in the tank

17. Which part of air conditioning system absorbs moisture in

the system?

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

18. What is to be checked up if the engine overheats?

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|----------------------|--------------------------|
| A) Coolant level | B) Hydraulic fluid level |
| C) Electrolyte level | D) Fuel level |

19. What is the cause of water leakage in water pump?

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|----------------------|---------------------|
| A) Worn out impeller | B) Worn out bearing |
| C) Worn out shaft | D) Worn out seal |

20. What is the disadvantage of excessive positive camber in the wheel alignment?

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|--------------------------------|--------------------------------------|
| A) Tyre bleeding wire wear out | B) Tyre outer edge will wearout fast |
| C) Tyre thread wear out | D) Tyre centre will wearout |

21. What is the effect of high sulphur content in fuel?

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|--------------------------------|-----------------------------------|
| A) In complete combustion | B) Corrosive Wear of engine parts |
| C) Pitting in the engine parts | D) Fungus in the cylinder walls |

22. Why a diesel engine starts but not running idle?

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|---------------------------|--------------------------|
| A) Low charged battery | B) Clogged nozzle |
| C) Low fuel level in tank | D) No air in fuel system |

23. What is ovality of a crank shaft?

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|---|---|
| A) Difference in dia measured thrust to non thrust across dia | B) Difference in dia measured from top to bottom of a crank shaft outer dia |
| C) Difference in dia measured only at bottom | D) Difference in dia measured only at top |

24. Which electronic component is used as a solid state switch?

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|-------------|---------------|
| A) Inductor | B) Transistor |
| C) Resistor | D) Capacitor |

25. Which valve is maintaining in the high pressure FIP pipe line?

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| A) Delivery valve | B) Barrel |
| C) Control rack | D) Plunger |

26. What is the effect of discharged battery?

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|--------------------------------|---------------------------------|
| A) Air lock in the fuel system | B) Abnormal noise in the engine |
| C) Engine back fire | D) Engine does not crank |

27. What is the effect of defective injector?

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|--------------------------|-----------------------|
| A) High oil pressure | B) Engine over heated |
| C) Engine does not start | D) High fuel pressure |

28. What is the cause for high oil consumption?

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|------------------------|---------------------|
| A) Clogged air cleaner | B) Weak compression |
| C) Clogged oil filter | D) Coolant level |

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

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

30. What is the mechanical cause of engine does not start?

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|---------------------------|------------------------------------|
| A) Oil filter blocked | B) Fuel tank cap vent hole blocked |
| C) Oil pump gear worn out | D) Radiator cap blocked |

31. What is the cause for high fuel consumption in diesel engine?

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|-------------------------------|-------------------------|
| A) Fuel level in tank is high | B) Piston ring worn-out |
| C) High compression pressure | D) Oil level high |

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

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

33. What is reason for low oil pressure?

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|-------------------------------------|-----------------------|
| A) Clogged oil filter | B) Oil level is high |
| C) Defective pressure release valve | D) Clogged air filter |

34. Which type of independent suspension system simple in construction and allow more deflection of the front wheel without effect on the steering?

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|----------------------------|---------------------------|
| A) Torsion bar suspension | B) Coil spring suspension |
| C) Conventional suspension | D) Strut type suspension |