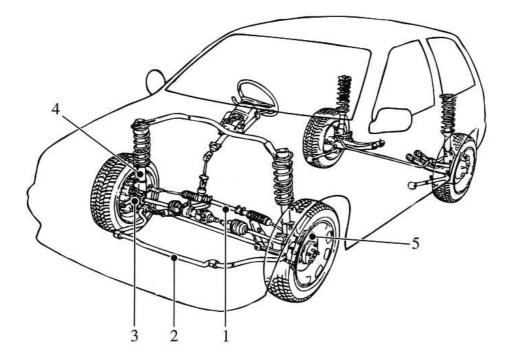
Question 18 (8 marks)



(a) Complete the table below, naming each numbered component and describing its function.

Name Function this column steers the two wheels 1. Steering base on the movement of the Column Steering wheel 2. Anti-SWay this provides Stability to the vehicle, when turning of consective bar turns. this Joint attaches to the centre 3. CV Joint of the war wheel, turning the wheels. 4. Dampe the damper, absorbs bumps and tums for comfort and also Stubility and handling. 5. Rim the rim is attached to the cu Joint Spining it, it is also attached to the tyre giving the vchick frichon when the wheels Spinning

## Question 18 continues on page 12

Question 18 (continued)

(b) A customer complains that the car battery is constantly running flat.

In the table below, list THREE possible faults in the charging system that could be causing the problem. Name the test that you would perform for each fault identified.

Possible fault	Test to perform
Altenatione	A test you can performe could be to test the amount of amps the alternator produces whe running and amount of amp the battery USES, this can be done with a voltmeter.
faulty battery	The fault could be the battery itself to check get a voltmeter and check how much volts your getting from
Faulty wininge.	the fault can be in the wiring, maube cause a short circut to identify look in the engine boy for Faulty

**End of Question 18** 

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