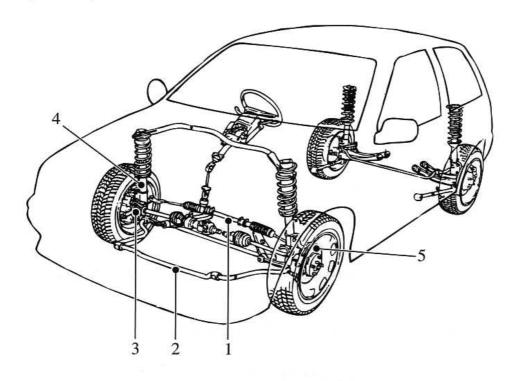
Question 18 (8 marks)



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

5

Name	Function
1. Steering rack	Controls the direction of the wheels
2. Swaybur	Prevents excess body
	ro(1
3. CV Joint	allows Flexibility in the drives hoff to allow steering and suspension travel
4. Shock	Prevents oscillation in the
absorber	Spring after obserbing road shocks.
5. Wheel	Bolts to the hub and
	gives a suitable surface
	for mouniting the tyre.

Question 18 continues on page 12

3

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
Low alternator	Test charge voltage Stert
Cow alternator charge	cor and measure voltage over bottery whitst loading up electrics
Voldrage drop	
Worn / Expired battery	Botteny load test.

End of Question 18