

Automotive

Section II

35 marks

Attempt Questions 16–21

Allow about 45 minutes for this section

Answer the questions in the spaces provided.

Question 16 (6 marks)

There are a number of chemicals and hazardous products used in the automotive industry.

What are the THREE ways that chemical/hazardous products can enter the human body? Explain in each case how you would protect yourself from this happening.

- (i) Engine Coolant - This could be prevented from entering the body by wearing gloves so that it does not make contact with hands. Safety goggles could also prevent it coming in contact with your eyes. 2
- (ii) Petrol - This also could be prevented from entering the body by wearing gloves so it does not make contact with hands. Overalls could also prevent the liquid from coming in contact with the skin. 2
- (iii) Motor oil - This is another hazardous chemical that could be prevented from ~~entering~~^{contacting} the skin by wearing overalls. It could also be prevented from contact with the eyes by the use of goggles. 2