

# Automotive

## Section II

35 marks

Attempt Questions 16–21

Allow about 45 minutes for this section

Answer the questions in the spaces provided.

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### 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) You can get ~~acid~~<sup>metal</sup> in your eyes when you are using a grinder or anything like that which could blind you. In this case you should be wearing your safety goggles. 2

(ii) Battery acid could leak out of a battery and onto your skin while you are replacing the battery. You should be wearing your gloves and overalls to prevent this from happening. 2

(iii) You should wear a safety goggles when doing a wheel balance on a car type so that no rocks can flick you in the eyes. 2