

## 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) chemical/hazardous products can enter the body by inhalation (breathing) of toxic gases or particles. To protect yourself when working with gases or particles wear a face mask and work in a ventilated area. 2
- (ii) chemicals/hazardous products can enter the body via skin contact with the toxic products. To avoid this wear, long sleeve shirts, pants, enclosed shoes, safety glasses & gloves when using toxic products. 2
- (iii) chemical/hazardous products can enter the body by ingesting them orally. To avoid this do not eat or drink near toxic products, ensure hands and mouth are clean before eating or drinking and remain alert and conscious of toxic ingestibles. 2