

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) Chemical/hazardous products can enter through the eyes. The personal protective equipment which is essential in protection of the eyes is goggles which will minimise the risk of any damage occurring. 2
- (ii) Chemical/hazardous products can also enter through the nose and mouth region. This risk can be minimized through the use of mouth and nose guards which don't allow any particles to enter the nose or mouth. 2
- (iii) Chemical/hazardous products can also enter through the skin. The risk of this occurring can be minimised by wearing total body overalls and gloves for effective protection from hazardous materials. 2