

## **M507 – Health effects of hazardous substances – Revision questions**

### **Section 7 – Epidemiology**

1. Why do we undertake epidemiological studies?  
(Page 81)
2. What are the potential problems / limitations of epidemiological studies?  
(Pages 81 and 82)
3. What do you understand by the terms ‘incidence’ and ‘prevalence’ rates?  
(Page 82)
4. What do you understand by the term ‘standardised mortality ratio’?  
(Pages 82 to 84)
5. What do you understand by the terms ‘association’ and ‘causation’?  
(Page 84)
6. What are the Bradford-Hill criteria and how are they used?  
(Pages 84 to 86)
7. What do you understand by the term ‘bias’?  
(Page 86)
8. What do you understand by the term ‘statistical significance’?  
(Page 86)
9. What are the main types of epidemiological studies? What are their main advantages and disadvantages?  
(Pages 87 to 89)