國立成功大學 114學年度碩士班招生考試試題

編 號: 199

系 所:環境醫學研究所

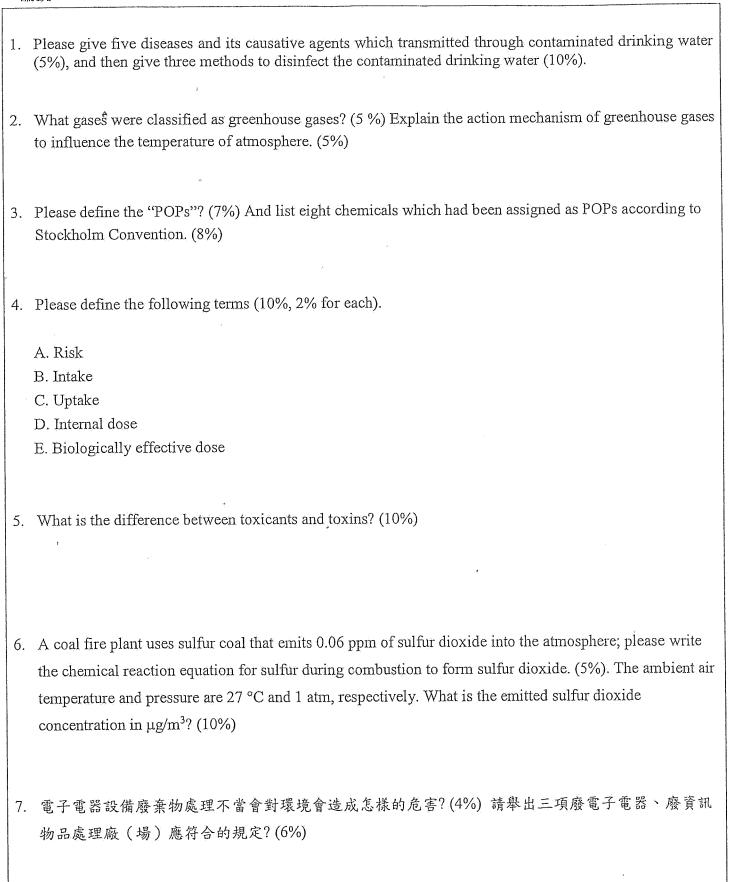
科 目:環境衛生

日 期: 0211

節 次:第2節

注 意: 1.不可使用計算機

2.請於答案卷(卡)作答,於 試題上作答,不予計分。



8. Figure 1 shows the Large to small droplet (LS) exposure ratio for different horizontal distances when coughing and talking. List three points we can conclude from the figure. (15%)

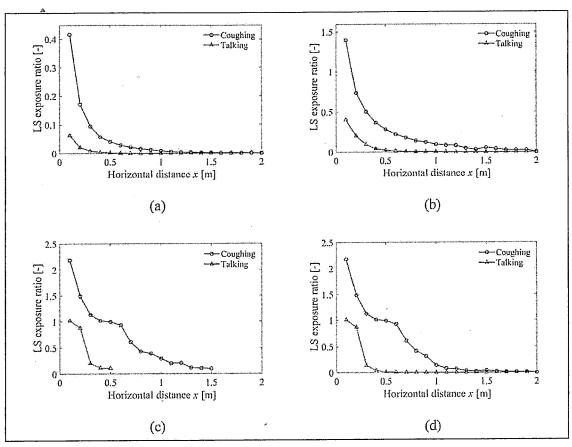


Fig. 1. LS ratio for (a) $< 50 \mu m$; (b) $50-100 \mu m$; (c) $> 100 \mu m$ (c) 0.1-0.5 m for talking and 0.1-1.5 m for coughing); (d) all sizes of droplets. Note: different vertical axis ranges are used. (Chen et al., 2020)