

※ 考生請注意：本試題不可使用計算機。請於答案卷(卡)作答，於本試題紙上作答者，不予計分。

1. Please list the functions of cortisol (1) under physiological condition and (2) during stress.  
[15%]
2. Please list the major constituents of bile and describe their major function of each in digestion. [15%]
3. List the differences between graded potentials and action potentials. [15%]
4. Please describe the important contribution of pulmonary surfactant to respiration. [15%]
5. Draw and label a normal ECG. Relate the P, QRS, and T waves to the atrial and ventricular action potentials. [15%]
6. How does the composition of the glomerular filtrate compare with that of plasma? [15%]
7. Please describe and contrast feedforward feedback and negative feedback. [10%]