

本試題是否可以使用計算機：可使用，不可使用（請命題老師勾選）

Answer any 5 of the following questions (each 20%)

1. Explain how emptying of the stomach occurs and what could affect it.
2. How do the sensory receptors in the vestibular system function?
3. List the requirement of a substance to be used in the determination of GFR.
4. Compare the peripheral and central effects of hypoxia and hypercapnia.
5. Thyroid hormones regulate the oxygen consumption of cells. How is this achieved?
6. Explain the resistance to flows in blood vessels in terms of Poiseuille's law and why this law fails to apply quantitatively in real situations.

--- end of questions ---