

※ 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。

Please clarify the statement shown in each question (10% for each)

- (1) Please describe the equilibrium potential of chloride ions across cell membrane
- (2) Please describe the Starling law of fluid movements across capillary wall, i.e., hydrostatic and oncotic pressures
- (3) Please describe how beta-adrenergic stimulation can produce positive inotropic action in heart cells
- (4) Please describe the function of osteoblasts and osteoclasts
- (5) Please describe long QT syndrome, a life-threatening arrhythmia
- (6) Please describe the significance of dexamethasone suppression test
- (7) Please describe the function of adrenal gland (i.e., adrenal cortex and medulla)
- (8) Please describe secondary hyperparathyroidism
- (9) Please describe heart rate regulation by autonomic function
- (10) Please describe the possible effect of transforming growth factor-beta on cells.