

I. Multiple Choices, there is only one correct answer. Total 80 points

1. Which of the following is the physiological function of estrogen in menstrual cycle?
A. stimulate ovulation B. stimulate proliferation of endometrium
C. stimulate decidual changes D. fertilized egg implantation
2. Which of the following is not regulated by cerebral cortex?
A. language comprehension B. spacial recognition
C. voluntary movement D. respiration, circulation and digestion
3. Which part of brain is not protected by blood brain barrier (BBB)?
A. midbrain B. anterior pituitary gland
C. posterior pituitary gland D. medulla
4. Stress activates which of the following endocrine axis?
A. hypothalamus-pituitary gland-testis B. hypothalamus-pituitary gland-ovary
C. hypothalamus-pituitary gland-thyroid D. hypothalamus-pituitary gland-adrenal cortex
5. Which of the following statement about long-term potentiation is not correct?
A. is important in learn and memory B. enhances synaptic transmission
C. is important in short-term memory D. causes enlarged action potential amplitude
6. Intrinsic factor secreted by parietal cell helps absorption of
A. folic acid B. iron C. vitamin B12 D. carbohydrate
7. Which of the following is the function of parasympathetic never?
A. causes increased heart rate B. causes enlarged pupil
C. causes increased blood sugar D. causes increased gastrointestinal movement
8. Which of the following hormone secretion is less likely affected by reduced extracellular fluid volume?
A. vasopressin B. progesterone C. estrogen D. aldosterone
9. Testosterone is secreted by
A. leydig cells B. epididymis C. sertoli cells D. seminal vesicle

(背面仍有題目,請繼續作答)

