

題號： 190

國立臺灣大學 108 學年度碩士班招生考試試題

科目：病理學(A)

節次： 2

題號： 190

共 / 頁之第 / 頁

請標明題號作答。

1. List the major classes of functional non-protein coding sequences in human genome. (10%)
2. Describe the biochemical mechanisms that are activated by cell insult and that contribute to cell injury and necrosis. (15%)
3. Describe the morphological features of apoptosis. (8%)
4. Briefly explain the concept of “genomic imprinting”. (7%)
5. Alzheimer disease is the most common cause of dementia in older adults. Please describe its molecular genetics and pathogenesis. (10%)
6. Please describe the genetic alterations of thyroid follicular cell-derived malignancies including papillary, follicular and anaplastic carcinomas. (15%)
7. Please describe the clinical features and genetic alterations of type I and type II endometrial carcinoma. (15%)
8. Please describe the mechanisms of epigenetic aberration contributing to carcinogenesis (5%) and give an example of the epigenetic changes in a cancer. (5%)
9. Please describe the oncogenic mechanism of human papilloma virus. (10%)

試題隨卷繳回