

1. Please describe the histologic classification and treatment of soft tissue sarcoma. (10%)
2. What are the risk factors associated with esophageal squamous cell carcinoma? Please describe the treatment and prognosis of the disease. (10%)
3. Please describe the etiology, histologic classification and treatment of lung cancers. (10%)
4. When cells encounter stress, they could either survive or become dead in response to irreversible injury. Please describe any two types of cell death in terms of (1) characteristics of morphological change (5%) and of (2) the molecular cascades underlying one specific type of cell death. (5%)
5. Describe the fundamental changes in cell physiology that together determine so called "malignant phenotype". (10%)
6. If you suspect that one novel strain of bacteria "A" might be the pathogen causing a specific infectious disease "a", what experiments you should go through to prove that infection of bacteria "A" results in the disease "a"? (10%)
7. Describe (a) one disease that is a single gene disorder but does not follow Mendelian inheritance pattern (2%). (b) Briefly describe the molecular pathogenesis of the responsible mutated gene for the disease you answer in question 4a (8%).
8. 請描述膽結石的分類和好發因子。(10%)
9. 試述橫紋肌肉瘤的分類及其臨床病理特徵。(10%)
10. 試述糖尿病的分類及其病理機轉。(10%)

試題隨卷繳回