

- (15%) 1. Describe the pathology of spontaneous cerebral hemorrhage.
- (10%) 2. Describe the pathology of idiopathic cardiomyopathy.
- (10%) 3. Describe the molecular basis of carcinogenesis.
- (8%) 4. What is apoptosis? Explain the mechanism of the apoptotic induction.
- (7%) 5. Describe the molecular mechanism of Pompe's disease (Type II glycogenosis).
- (10%) 6. Please compare diffuse large B cell and small lymphocytic lymphoma in terms of :
1) Histopathology
2) Immunohistochemistry
3) Flow cytometry
4) Genetic abnormality
5) Clinical presentation
- (5%) 7. Please describe the role of Helicobacter in the pathogenesis and treatment of gastric adenocarcinoma and maltoma.
- (10%) 8. Describe the evolution of morphological changes in myocardial infarction:
1) 1 day
2) 3~4 days
3) 7~10 days
4) 3 weeks
5) 10 months
- (8%) 9. What are the factors associated with the development of the esophageal squamous cell carcinoma? Please also describe the prognosis and the treatment of the disease.
- (9%) 10. Please describe the pathogenesis, histologic classification and characteristics of lung cancers.
- (8%) 11. Please describe the etiology, histologic classification and characteristics of the nasopharyngeal carcinoma.