

You can use either English or Chinese to answer these questions.

1. The mandible has the greatest postnatal growth potential of any component of the craniofacial complex. Please describe the remodeling changes of the mandible and symphysis. (20%)
2. Not all orthodontically achieved changes remain stable. It is well known that many patients experience changes some years after treatment, which is often described as "relapse". Please describe what are "rapid relapse" and "slow relapse". (10%)
4. Please describe regional accelerators phenomenon. Do orthodontists use this to their advantages and how? (10%)
5. In a patient who has periodontitis, orthodontics may exacerbate the disease process. Why? Please describe the possible factors, cells, important contributors involved in this damage. (20%)
6. Please draw a typical tooth movement graph in which the rate of movement is plotted against the number of days after application of a continuous force (125 g). According to this graph, tooth movement can be differentiated into three phases. Please describe these phases. (15%)
7. What are the characters of an ideal orthodontic alloy and why? (15%)
8. Please describe Bauschinger effect. (10%)

試題隨卷繳回