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國立臺灣大學105學年度碩士班招生考試試題

科目：基礎齒顎矯正學

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

1. Please define “regional acceleration phenomenon” and in which way this RAP principle is followed or used in clinical orthodontics? (15%)
2. What are the theory of using functional appliances and the scientific evidence for it (10%)? Please describe different designs of functional appliances and whether there is any differential treatment effect in these designs (15%). Please define the stages of skeletal growth in cervical vertebral maturation, and hand-wrist-film and indicate which stage(s) is (are) good for using functional appliances (10%).
3. What are the anatomical structural components around maxilla and mandible while two-jaw orthognathic surgeries are performed? Please name the bones, muscles, nerves, and vessels (20%). What are the possible side effects of orthognathic surgery related to these structures (10%)?
4. Light is an energy source. How is it being utilized in orthodontics? Please describe extensively as to different wavelength and its applications. (20%)

試題隨卷繳回