MSc Orthodontics - Timed essay questions

1. Discuss the scientific evidence for the contemporary management of malocclusion attributable to local factors.

2. What factors contribute to the stability of dentition following orthodontic treatment? How may stability be enhanced?

3. What is meant by the term "deep bite"? What are the aetiological factors associated with "deep bite". Describe the range of orthodontic methods available to correct deep bites in Class II division 2 malocclusions.

4. Describe the biological mechanisms thought to be involved in tooth movement. How may this knowledge influence orthodontic treatment?

5. Discuss your assessment and treatment plan for a patient with a Class III malocclusion who presents on a combined clinic.

6. Can the growth of the human mandible be altered by functional appliances?

7. To what extent does orthodontic treatment affect facial growth?

8. Discuss the evidence that orthodontic treatment may damage the oral structure. What measures may be taken to limit this?

9. Describe the materials available for the construction of fixed appliance arch wires, and discuss their use in clinical orthodontics.

10. How do the various current guidelines to dental practitioners influence the way in which radiographs are prescribed during the management of orthodontic patients?

10. What do you understand by the term “Hypodontia”. Outline the orthodontist’s role in the management of a child with hypodontia

11. Discuss extractions in orthodontics

12. Discuss the problems associated with impacted teeth and management of impacted teeth.

13. What methods have been used to evaluate the treatment need and outcome in orthodontics? Describe contemporary indices known to you and their use.

14. What relevance, if any, do the ‘principles of occlusion’ have to orthodontic treatment?