

**UNIVERSITY OF BOLTON**

**FACULTY OF HEALTH AND WELLBEING**

**BSc (HONS) DENTAL TECHNOLOGY**

**SEMESTER TWO EXAMINATION 2018/2019**

**PREPARING FOR PRACTICE & STUDY SKILLS**

**MODULE NO: DNT4101**

Date: Monday 20 May 2019

Time: 10.00 am – 12.00 noon

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**INSTRUCTIONS TO CANDIDATES:**

There are 13 questions.

Answer ALL 9 questions in Section A,  
and 2 questions from Section B.

Marks for parts of questions are shown  
in brackets.

There are a total of 100 marks available.

The pass mark is 40%.

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**Section A - Answer ALL 9 questions in this section (52 marks)**

1. Name the 2 components of the UK data protection regime.  
**4 marks**
  
2. Name 3 possible barriers to communication and suggest what actions may be taken to overcome these in practice.  
**6 marks**
  
3. a) With regards to the manufacture of dental devices, what is the purpose of a CE mark?  
(3 marks)
  
- b) What form will the CE mark for a dental appliance or device take?  
(3 marks)
  
- Total 6 marks**
  
4. The General Dental Council publication Standards for the Dental Team, what must a dental professional do when obtaining consent from a patient?  
**6 marks**
  
5. What is meant by the term 'custom-made device'?  
**4 marks**
  
6. Which dental professionals require indemnity insurance?  
**1 mark**

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7. The General Dental Council define continuing professional development (CPD) as “learning, training or other developmental activities which can reasonably be expected to maintain and develop a person’s practice as a Dentist or Dental Care Professional, and is relevant to the person’s field of practice”.

- a) Name the 4 components of the CPD cycle. (4 marks)
- b) How many hours CPD must a Dental Technician complete in a CPD cycle? (1 mark)
- c) What information should your CPD record include? (3 marks)

**Total 8 marks**

8. According to the General Dental Council publication ‘Standards for the Dental Team’, what must you do when dealing with patient records/data? (8 marks)

9. List the 9 Principals in The General Dental Council’s document ‘Standards for the Dental Team’. (9 marks)

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**Section B - Answer 2 of the 4 questions only (48 marks)**

10. **Oral Health, Preventative Dentistry & Safeguarding Question**

- a) Poor oral health and poor oral hygiene may be influenced by a number of factors, suggest 5 possible causes or contributing factors. (5 marks)
- b) For each of the 5 previously named causes or contributing factors give examples of the possible preventative methods which may be utilised to improve oral health and hygiene. (10 marks)
- c) When may poor oral health be a safeguarding issue? (2 marks)
- d) Name the Standards expected of a dental professional in dealing with such an issue. (7 marks)

**Total 24 marks**

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11. **Scope of Practice Question**

Scope of Practice is a way of describing what a dental professional is trained and competent to do. It describes the areas in which a professional has the knowledge, skills and experience to practise safely and effectively in the best interests of patient.

- a) Identify the activities a dental technician can undertake, as indicated in the General Dental Council publication 'Scope of Practice'.  
(17 marks)
- b) Standard 7.2 in 'Standards for the Dental Team' states that you must work within your knowledge, skills, professional competence and abilities. Demonstrate your knowledge of the General Dental Council Guidance in this area.  
(7 marks)

**Total 24 marks**

12. **Communication & Candour Question**

Communication with patients is central to professional practice.

- a) Illustrate your understanding of what a patient can expect when communicating with a dental professional According to the General Dental Council publication 'Standards for the Dental Team'.  
(8 marks)
- b) According to the General Dental Council publication 'Standards for the Dental Team', what must you do when communicating with patients?  
(8 marks)
- c) Define the term Candour.  
(2 marks)
- d) Identify the actions that must be taken under the General Dental Councils Candour advice.  
(6 marks)

**Total 24 marks**

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13. **MHRA & Outsourcing Question**

Medical devices are regulated in the UK by the Medicines and Healthcare Products Regulatory Agency (MHRA).

- a) Which regulation do the MHRA monitor and enforce in relation to the manufacture of dental appliances, and who is the regulation issued by? (2 mark)
- b) Prior to dispatching a dental device the dental laboratory has to complete a statement of manufacture. Demonstrate your knowledge of what should be included in this statement. (12 marks)
- c) If you decide to outsource or sub-contract the manufacture of a dental appliance outside of the UK and do not use a GDC registered technician, what extra responsibilities do you take on and why? (10 marks)

**Total 24 marks**

**END OF QUESTIONS**