CPD QUESTIONNAIRE 8.3.1

Article: Anterior full ceramic crown after a complicated crown fracture of the natural tooth. Manhart and Schenk, page 6

1. *According to the authors, all-ceramic restorations have gained in popularity during the last:*
a 15 years b 10 years
c 30 years

2. *In the clinical case described, with what did the patient present: A trauma-related:*
a Fractured left maxillary central incisor
b Fractured left mandibular central incisor
c Fractured right maxillary central incisor
d Fractured left mandibular central incisor

3. *The therapeutic approaches discussed with the patient included:*
a Ceramic veneer b PFM crown
c Direct composite restoration d None of the above
e All of the above

4. *Which statement is correct: In the case described, the method of cementation of the crown to the prepared tooth was by:*
a Conventional cementation b Adhesive luting

5. *According to the authors:*
a Ceramic materials with fracture strength less than 350 MPa are not indicated for conventional cementation.
b Ceramic materials with fracture strength less than 350 MPa can be indicated for conventional cementation.

Article: Misadventure and accidents in endodontics: An Australian perspective. Vithanage, George, Walsh, page 22

6. *Which statement is incorrect:*
a Negligence is a mistake
b Malpractice is a mistake
c Malpractice is a wilful breach of duty of care

7. *Of the 69 complaints relating to endodontics based on reports from the AHPRA from 2011-2015, which complication involved the most cases:*
a Post-Operative Failure b Infection Control
c Endodontic Specific Procedures d Record Keeping & Professionalism

8. *According to the American Academy of Endodontists, how many root canal treatments are performed annually:*
a More than 41000
b More than 15 million
c Less than 41000

9. *How many fatalities from endodontic procedures undertaken in the US have been described:*
a Four
b Ten
c None

10. *According to the authors, not using dental dam is classed as:*
a. Negligence
b. An accident
c. Malpractice

CPD QUESTIONNAIRE 8.3.2

Article: Near-UV light detection. Tapia-Guadix, page 36

11. *The visible spectrum of light in human vision ranges approximately from:*
a 405 - 410nm
b 150 - 390nm
c 390 - 750nm

12. *Which statements are correct:*
a Near-UV light is able to induce a red fluorescence emission in bacterial porphyrins
b Near-UV light is able to induce a strong blue fluorescence emission in most modern dental composite resins
c Both of the above
d Neither of the above

13. *According to the author, true micro-leakage exhibits:*
a A strong blue fluorescence emission
b A weak green fluorescence emission
c A strong red fluorescence emission

14. *Fluorophores found in most modern restorative composites and resin cements are more sensitive to:*
a UV light
b Near-UV light

15. *Which statements are correct?*
a Deep cracks that extend over dentin will block the transmission of light
b Surface enamel cracks will not block the transmission of light
c Both of the above
d Neither of the above

Article: Essential guidelines for using cone beam computed tomography (CBCT) in implant dentistry. Part 1: Technical considerations. Hartshorne, page 54

16. *According to the author, what is the width of a typical focal spot in CBCT:*
a 1.2-mm b 0.5-mm
c 0.7-mm d 1.5mm

17. *Which statement is correct? The number of photons in the x-ray beam determines:*
a X-ray beam quantity b X-ray beam quality

18. *Which statements are correct: CBCT machines can also be categorized according to the available FOV or selected scan volume height as follows*
a Craniofacial: greater than 15 cm
b Interarch: 7 cm to 10 cm
c Maxillofacial: 10 cm to 15 cm
d. None of the above e All of the above

19. *According to the author, in a single rotation, the detector can generate between:*
a 100 to 150 high-resolution 2D basis images
b 150 to 600 high-resolution 2D basis images
c 50 to 60 high-resolution 2D basis images

20. *According to the author, what is is the smallest individual volume element in the 3D environment?*
a A voxel
b A pixel