

MFDS 1 Mock Exam 4 - Oct 2026

1- Blow to mandible causing fracture in molar's right side region, you expect a second fracture of

- A. Sub condylar of right side
- B. Sub-condylar of left side
- C. Fracture of symphysis

2- If u suspected a child abuse in your patient, you check for:

- a) Bruises in neck
- b) Scratches in knee and elbow.
- c) Child distress and agitated

3- After doing pulpectomy, you performed a readymade stainless steel crown and space maintainer. So under which band you should claim this child:

- a) Band1
- b) Band 2
- c) Band3
- d) Band 4
- e) No claim

4- A 15-year-old child and her mother are demanding veneers to close a gap. You feel that orthodontic treatment would be better, how would you best manage the situation?

- a) Arrange for a second opinion
- B) Refuse to treat the patient
- C) Treat according to the patient's wishes
- D) Refer for an orthodontic opinion

5- The most serious complications which may occur from abscess of maxillary canine is:

- A. Cellulitis
- B. Cavernous sinus thrombosis
- C. Lacrimal duct stenosis
- D. Damage to infra orbital nerves

6- Moved buccally while pushing coronally, but frequently need a varied rocking movement to extract:

- a) Upper 1, 2, 3
- b) Upper 4, 5
- c) Upper 6, 7
- d) Lower 4, 5
- e) Lower 6, 7

7- Who is required to be registered with GDC?

- A) receptionist
- B) nurse
- C) cleaner
- D) manager

8- Your dental nurse is qualified to take radiograph. Which of the following is required for her to carry out her task?

- A. Verbal prescription from you
- B. Written prescription from you
- C. Written prescription from lead nurse
- D. Written prescription from practice manager
- E. Written prescription from radiation protection supervisor

9- When do you do not extract impacted 8's

- a) Extraction of 8's recommended by orthodontist
- B) Extraction of 8's recommended in patient undergoing renal transplant
- C) 47 years old with moderate periodontitis
- D) Second permanent molar undergoing internal resorption due to third molar

10- Court asked you to testify against another dentist in this case you are :

- A. Plaintiff
- B. Witness
- C. Expert witness
- D. Defendant
- E. Hostile witness

11- You were asked to do help your Nurse about her CPD. Which one of the following is the minimum requirement?

- A. 25 hours
- B. 50 hours
- C. 75 hours
- D. 10 hours
- E. 35 hours

12- What would you use if you experienced fire caused by electricity in your clinic?

- A. Water Extinguisher
- B. CO2
- C. Foam
- D. Fire blanket
- E. Sand

13- Which of the following is included in NHS?

- A. Right to choose named consultant
- B. Legally enforceable rights
- C. Right to access drugs and treatment recommended by doctor regardless of cost
- D. Right to have complaints properly investigated and dealt with
- E. Right to have the required treatment/ service locally

14- Which age is necessary to check Mental capacity?

- A. 16yrs
- B. 18yrs
- C. 15yrs
- D. 21yrs

15- 25yrs old female patient who is quite anxious consult you for extraction of lower Impacted last molar. X-ray revealed that there is high risk of nerve injury but the tooth need to go. You concerned about patient anxiety and didn't explain about every detail about complication. After surgery, patient develop paresthesia over lower lip. If she wanted to sue you, on which ground she can?

- 1. Gross negligent
- 2. Consent negligent
- 3. Malpractice
- 4. civil assault
- 5. criminal assault

16- Clinical manifestation of isolated zygomatic arc fracture is?

- 1. Diplopia

- 2. Infraorbital paraneesthesia
- 3. Ptosis
- 4. Subconjunctival hemorrhage
- 5. trismus

17- You realize a problem calibrating delivery gas while treating patient with Nitrous oxide. Who should you report to?

- A. Care quality commission
- B. Clinical commissioning group
- C. Device manufacturer
- D. Health and safety executive
- E. Medicine and healthcare product regulatory agency

18- As far as localized alveolar osteitis is concerned; which one of the following is true

- A. The incidence in the mandible and maxilla is similar
- B. The prophylactic prescription of antibiotics prior to extraction reduces the incidence.
- C. Excessive fibrinolysis is the likely etiology
- D. Purulent exudate must be seen for a diagnosis and irrigation is mandatory
- E. Zinc oxide eugenol and alveogyl dressing promote a rapid bone growth

19- Trauma to tooth with closed apex. In which one the tooth is more likely to maintain vitality?

- A. Concussion
- B. Subluxation
- C. Intrusive luxation
- D. Avulsion Luxation

20- Pt. comes to your practice and on OPG you have noticed fracture of angle of mandible, then she said she was hit by her husband. Pt. has capacity, how to manage this situation?

- A) Report to the police
- B) Suggested her to report case to the police
- C) Contact local safeguarding services
- D) Ignore and start treating injuries

21- An 83 year old pt. with dementia comes to your practice with discharge pus from parotid gland and does not have a family, also she does not have elected power of attorney, who can give a consent for her?

- A) her close relative
- B) her good friend
- C) independent mental capacity advocate
- D) her GP
- E) her caregiver

22- You are going to employ clinical dental technician, which of the following procedure you expected from him to do independently?

- A) diagnose and treatment planning of periodontal disease
- B) complete denture without the consultation with dentist
- C) administrate LA prior the ridge augmentation

23- An 80-year-old pt with swelling, does not have capacity nor relative to give a consent. What would be an appropriate management?

- A) do a treatment as long as she did not refuse
- B) do it in the best interest of the patient
- C) ask consent from her carer
- D)ask colleague about this

24- Patient is presented with wear facets due to bruxism and you want to make an accurate-fit appliance for him. how would he pay?

- a) 27.6 pounds
- b) 75.10 pounds.
- c) 326.5 pounds
- d) No claim

25- The concept of staff appraisal is to provide:

- a) Good communication between patients and staff
- b) Improve the performance and increase patient outcome
- c) Accepting new employee after detailed interview
- d) Rejecting new employee after interview
- e) Enhancing patient communication and decreasing treatment expenses

26- The minimum required CPD points for dentist to be completed every 5 years:

- a) 50 CPD
- b) 75 CPD
- c) 100 CPD
- d) 150 CPD
- e) 200 CPD

27- Dental nurse can work on the patient without prescription:

- a) Take radiographs
- b) Place rubber dam
- c) Remove sutures
- d) Shade taking

e) Take impression

28- In line with the mental capacity act, a person is regarded as being unable to give consent or make decisions if he is unable to do [4 steps to assess the mental capacity]

a) Understand, retain, weight and communicate the information

b) Understand, retain, weight and repeat the information

c) Understand, retain, weight and write the information

d) Understand, retain, weight the information and write his name

e) Understand, retain, weight the information and state his address

29- According to the mental capacity act, advance decisions can be made by people who lack mental capacity who are:

a) above 16

b) above 18

c) below 16

d) below 18

e) doesn't matter

30- Which of the following may lead to direct dismissal without warning

a) No enough informed consent

b) No enough confidentiality

c) No enough staff available

d) incorrect hiring of staff member

e) Wrong extraction

31- Nurse caught using nitrous oxide in the clinic:

a) verbal warning

b) written warning

- c) suspend, investigate and if proven dismiss for gross misconduct
- d) suspend, investigate and if proven send warning letter
- e) dismiss directly

32- Who of the following should be registered with GDC other than dentist?

- a) Practice manager
- b) Laboratory technician
- c) Laboratory technician assistant
- d) RPA
- e) Dental receptionist

33- According to RIDDOR if an accident causes an employee to remain absent from work this must be notified to the Health and Safety executive within seven days. What's the period of absence that necessitates this action

- a) One day
- b) Two days
- c) Three days
- d) seven days
- e) Five days

34- A 14 years old girl had a sick leave from school claiming that she had to visit her dentist for treatment, the school secretary called the dentist to confirm that she has gone to dental practice, what is the best action the dentist can do

- a) call the girl or her parents
- b) refuse to disclose the patient confidential information
- c) gives a clear answer
- d) ask a colleague for advice

35- Patient who can't speak English came to you with his relative to translate to him, they argue with each other, he was making a simple filling, what will you do?

- a) ask the relative to continue to translate and you continue your work
- b) ask a colleague to translate and you continue your work
- c) you proceed to work without translation
- d) you ask them to end the appointment and come after fight end
- e) cancel the appointment to hire formal interpreter

36- 8 years old child has extracted his permanent 1st molar, how long should the dentist keep the records

- a) 11 years
- b) 25 years
- c) 8 years
- d) 17 years
- e) 50 years

37- A patient had trauma - Nasal- midface area fracture and has watery discharge and blood discharge from nose

- A. Orbital fracture
- b. Zygomatic fracture
- c. Lefort-I
- D. Lefort-II

38- When patient complaints about a treatment and unhappy about the procedure and gives a complaint, in how many days you have to acknowledge the complaint

- A) 1 day
- B) 2 days
- C) 3 days
- D) 10 days
- E) 20 days

39- patient came after two days of extraction, complains he had pain for two days, examination showed localized swelling, no lymphadenopathy. What is the first line of treatment?

- A-irrigation and placement of sedative medicament Irrigation
- B. curettage of socket, antibiotics and analgesics
- C. Irrigation and antibiotics
- D. Possible root piece or bone piece take IOPA x-ray and analgesics

40- A child with avulsed permanent tooth came with her aunt, what will you do?

- A. Do not do treatment as aunt is not legal guardian of the child
- B. Do not do treatment as child's mother is not there to give consent
- C. Replant and splint it with aunt's consent
- D. Do the best interest for the patient

41- The core subjects for CPD

- a) medical emergencies 5h , infection control 10h , radiation protection 10h
- b) medical emergencies 20h , infection control 5h , radiation protection 5h
- c) medical emergencies 10h , infection control 5h , radiation protection 5h
- e) medical emergencies 5h , infection control 10h , radiation protection 5h

42- After doing a mesio-angular impaction of lower third molar which suture material is best used to close the mucoperiosteal flap :

- a) 3 – 0 silk
- b) 3 – 0 vicryl
- c) Catgut
- d) 5 – 0 prolins

43- Which one of the these dental traumas has the best prognosis :

- a) Dent alveolar fracture
- b) Middle third fracture
- c) Extrusion injury
- d) Intrusion injury
- e) Apical third fracture

44-Which type of glass ionomer cement is used for fissure sealants?

- A. Type I
- B. Type II
- C. Type III
- D. Type IV
- E. Type V

45-A model needs RCT for UR5 with previous MOD. What is the best definitive treatment

- A. Full ceramic with laminate build up
- B. Full ceramic with block build up.

46-Which of the following is an advantage of glass ionomer cements?

- A. They are brittle
- B. They are insoluble
- C. They have a setting time of 1—2 minutes
- D. They release fluoride

47-Assuming that the distance between the gingival margin on the lingual surface of the lower anterior teeth and the base of the lingual sulcus is 7 mm. Which of the following is the most appropriate major connector to prescribe in this case?

- A. Continuous plate
- B. Dental bar
- C. Lingual bar
- D. Lingual plate
- E. Sublingual bar

48-When designing a partial denture, which one of the following steps comes first?

- A. Direct retention
- B. Minor connectors
- C. Support
- D. Indirect retention
- E. Major connectors

49-Which one of the following is an example of attrition?

- A. Tooth surface loss due to a pipe smoking habit
- B. Cervical lesions due to aggressive tooth brushing
- C. Flattening of the canine in a 'tooth grinder'
- D. Palatal tooth surface loss in a bulimia patient
- E. Pitting of the enamel due to dietary acids

50 has potentially the strongest properties of all ceramic crowns and allows for transillumination. Which is the one with those characteristics:

- A. Zirconia crowns
- B. Dentine bonded crowns
- C. Leucite reinforced crowns

D.Pressed ceramic crowns in-ceram

51. Which is the minimum distance between the major connector on a maxillary RPD and the gingival margins?

- A) 1mm
- B) 6 mm
- C) 12 mm

52. What is the definition of retention?

- A. rocking of the denture saddles
- B. Resistance to horizontal forces an abutment teeth caused by retentive components during removal of the denture
- C. Resistance to horizontal forces an denture flanges
- D. Resistance to movement of the denture towards the underlying ridge following the application of axial loads
- E. Resistance to rotational movements of the denture saddle away from the underlying ridge around an axis of rotation

53. In regards to colors, what does Chroma stand for?

- A. Degree of saturation of hue
- B. Brightness
- C. Value
- D. Contrast

54. What's your advice for anxious patient whose relative has cancer. He doesn't smoke or drink alcohol.

- a) avoid spicy food
- b) Take Vitamin C supplement Daily
- c) Relieve his stresses
- d) Eat 5 portions of fruits daily
- e) Strict Oral hygiene measures

55. In a tooth that has sustained an enamel/dentine fracture, which of the following occurs most commonly?

- A. External inflammatory root resorption
- B. Internal inflammatory root resorption
- C. Loss of vitality
- D. Pulp canal obliteration
- E. Replacement resorption

56. A 6-year-old patient presents with a large unilateral ulcerated area on the buccal mucosa in the lower right quadrant of the mouth. Two days previously they had the lower right deciduous molars extracted under local anesthetic. What is the most likely diagnosis?

- A. Allergy
- B. Chemical burn
- C. Major recurrent aphthous stomatitis
- D. Self—inflicted trauma
- E. Vesiculo-bullous disease

57. What is the most common cause of non-curious tooth surface loss in the primary incisors?

- A. Abfraction
- B. Abrasion
- C. Attrition
- D. Erosion
- E. Trauma

58. Patient had trauma 8 days ago, presented with an upper central incisor with mild palatal luxation, not interfering with occlusion but tooth is non vital. What do you do?

- A. Pulp extirpation +CaOH₂ dressing
- B. Reposition
- C. Reposition +Splinting

59. Got a call from mother of a 3-year old child, who had trauma and avulsed the front tooth. What instruction you will give to?

- A. Attend the surgery as soon as possible with tooth
- B. Place tooth in milk and attend surgery as soon as possible
- C. Place in the salt water and attend surgery as soon as possible
- D. Place the tooth in its position back and attend surgery as soon as possible
- E. Reassure her and tell her to do nothing

60. The best storage media for avulsed tooth is

- A. Saline
- B. Milk
- C. Water
- D. Saliva

61- Cervical lines and dark lines on Central incisors and molars. Most possible reason could be:

- A. Early childhood caries
- B. Aneogenesis
- C. Dentinogenesis
- D. Childhood illness
- E. Molar incisor hypo mineralization

62. Incisor in which 2 mm of the pulp is exposed, presents for treatment 30 minutes after injury. Which of the following should be considered?

- A. Remove 1-2 mm of the pulp tissue surface, place calcium hydroxide and fill with resin
- B. Remove 1-2 mm of the pulp tissue surface and cover with MTA
- C. Place calcium hydroxide directly on the exposed pulp
- D. Pulpotomy using formocresol
- E. Pulpectomy and immediate root filling

63. The most common cause of caries in children is,

- A. High sugar intake
- B. Soft diet
- C. High intake of carbohydrate
- D. Poor oral hygiene

64. What are two teeth connected at the cementum called?

- A. Concrescence
- B. Dilaceration
- C. Gemination
- D. Fusion

65. Three years kid shows at your clinic with open bite as a result of thumb sucking, you notice a delayed speech ability what would be your first management,

- A. Refer to a speech therapist
- B. Apply a removable habit inhibitor denture
- C. Apply a removable habit inhibitor denture and educate the parents about it so the kid will not be taking it off so often.

66. What are the 3 Ds in managing dental pain?
A. Diagnosis, Definitive dental treatment and Drugs.
B. Diagnosis, drainage and drugs.
C. Desensitization, drainage and drugs.
D. Decontamination, diagnosis and drugs.

67. What to use for canal irrigation right after sodium hypochlorite accident if saline is not immediately available?
A. EDTA solution.
B. Chlorohexidine.
C. Tetracycline.
D. Just water.

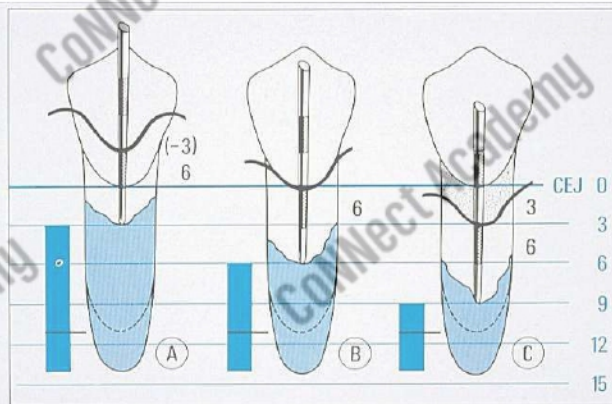
68. What are the recommended doses of paracetamol and ibuprofen in order, if given alternately to immediately release the pain after sodium hypochlorite accident?
A. 500 – 500.
B. 1000 – 600.
C. 250 – 400.
D. 500 – 800.

69. Which of the following is incorrect regarding the immediate management of sodium hypochlorite accident?
A. Saline irrigation to wash out the remaining sodium from the canal.
B. Daily analgesics till pain resolves.
C. Give steroids in any case with swelling.
D. Apply hot compresses starting the second day after the accident.

70. Most cases of sodium hypochlorite accident resolve within:
A. 24 hours.
B. 48 hours.
C. 1 week.
D. 2 weeks.

71. You have given two LA cartridges of 2% Prilocaine with adrenaline. Patient still fails to achieve anesthesia. Knowing that 300mg is the max dose for an adult patient, how many additional cartridges are you able to give?
A. 4
B. 5
C. 7
D. 11

72. What is the pocket probing depth (mm) in situation C?
Select one:



- a. 0mm
- b. 3mm
- c. 6mm
- d. 9mm
- e. 12mm

73. Following the past Q, what is the pocket probing depth (mm) in situation B?
Select one:

- a. 0mm
- b. 3mm
- c. 6mm
- d. 9mm
- e. 12mm

74. And how much loss of attachment (mm) is present in situation C?
Select one:

- a. 0mm
- b. 3mm
- c. 6mm
- d. 9mm
- e. 12m

75. A new patient presents at your practice with the following findings: 29 yr old female with good oral hygiene and low plaque scores, BPE of 4 in all sextants and mobility of tooth 16 and tooth 21. Select the most likely diagnosis:

- a. Aggressive periodontitis
- b. Drug related gingival overgrowth
- c. Chronic periodontitis
- d. Chronic gingivitis
- e. Systemically related periodontal disease

76. A new patient presents at your practice with the following findings 32 yr old male, smoker,

complaining of bleeding on brushing and halitosis Select the most likely diagnosis:

- a. Aggressive periodontitis
- b. Drug related gingival overgrowth
- c. Chronic periodontitis
- d. Chronic gingivitis
- e. Systemically related periodontal disease

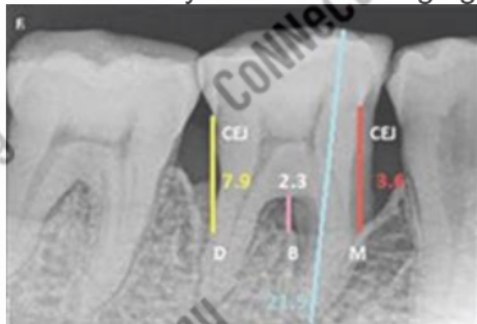
77- What is a contra indication of inhalation sedation

- A. first trimester, pregnancy
- B. pre existing vitamin b12 deficiency
- C. upper airway obstruction
- D. all the above

78. Which nerve block is of significant concern in hemophiliac patients?

- A. Greater palatine nerve block
- B. Inferior alveolar nerve block
- C. Mental nerve block
- D. Posterior superior alveolar nerve block

79. How can you describe staging for this tooth?



- a) stage I
- b) Stage II
- c) Stage III
- d) Stage IV

80. How can you describe current disease status after you have examined All teeth & BOP was recorded in 4 mm pocket depth in more than 50% of interproximal sites intraorally ?

- a) currently stable
- b) currently on remission
- c) currently unstable

d) undefined

81. First time patient at orthodontic clinic. What index should be done first?

- a) Standardized aesthetic needed
- b) Basic periodontal index
- c) IOTN
- d) Index of gingival bleeding

82. A 78-year-old man complains of loose teeth. He has not attended the dentist in many years, and a detailed examination reveals:

- poor plaque control
- Widespread periodontal probing depths of >8 mm
- Furcation involvement of a number of teeth
- Generalized horizontal bone loss of up to 70%.

He is a smoker of 5 pack years (currently smoking five cigarettes a day) but is otherwise fit and well.

What is the single most appropriate diagnosis?

- A- Generalized stage III, grade A periodontitis
- B- Generalized stage III grade C periodontitis
- C- Generalized stage IV, grade B periodontitis
- D- Localized stage III, grade A periodontitis
- E- Localized stage IV, grade B periodontitis

83. A 45-year-old man has severe maxillary anterior tooth wear. Marked sclerotic dentine is exposed, with 1 mm of supra- gingival tooth remaining. Dento-alveolar compensation has occurred, and there is no interocclusal space for restorations. The surrounding periodontium appears healthy, with no periodontal bone loss and normal root lengths. Which is the single most appropriate procedure to go for first?

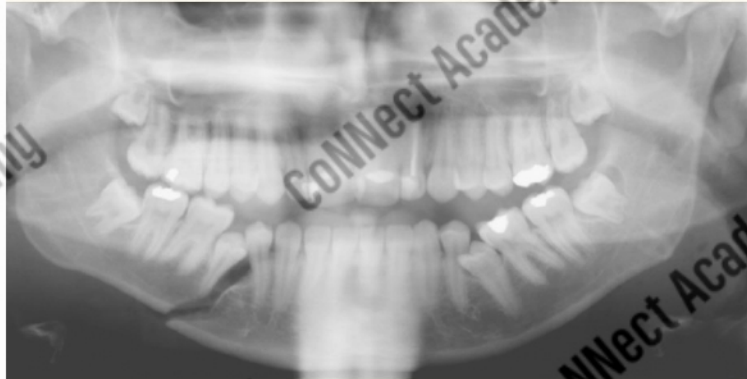
- A. Apically repositioned flap
- B. Crown lengthening
- C. Gingivectomy
- D. reduction of mandibular incisor height
- E. Overdenture provision

84- Which one of the following is the greatest risk factor for periodontal disease?

- a) Plaque retentive factors
- b) Down's syndrome
- c) Shortened dental arch

- d) Smoking
- e) Intravenous drug abuse

85- This radiograph shows:



Select one:

- a. A vertically unfavorable mandibular symphyseal fracture
- b. A vertically favorable mandibular body fracture
- c. A vertically unfavorable mandibular body fracture
- d. A compound fracture of the mandibular symphysis

86- A 25-year-old man attends your clinic who has not been seen by a dentist for the last 10 years. He is complaining of mobile upper central incisors. These have probing depth of 9 mm and are bleeding on probing. There is bleeding on probing in all other sextants but no probing depths above 3mm.

Which one of the following is the most likely diagnosis?

What is the single most appropriate diagnosis?

- A Generalized stage III, grade A periodontitis
- B Localized stage III grade C periodontitis
- C Generalized stage IV, grade B periodontitis
- D Localized stage III, grade A periodontitis
- E Localized stage IV, grade B periodontitis

87- if you have concerns about your conduct, performance or health that impact on your fitness to practice, you:

- A- Must inform the GDC
- B- Should inform the GDC
- C- Not obliged to inform the GDC

88- Which of the following does not require reporting to the GDC?

- A- The diagnosis of a new physical or mental health condition which might impact your ability to practice safely

- B- A relapse in an existing condition
- C- changes to the work environment that have impacted support provided locally
- D- A current stressful situation in your life causing you distraction during work

89- If you have concerns about a colleague performance or conduct, which of the following you should not be doing as a first action?

- A- speaking to the individual to better understand the situation
- B- Encouraging them to get help
- C- Notifying their manager, employer, or practice principal
- D- Report directly to the GDC

90- Which of the following require reporting to the GDC concerning your colleague at work?

- A- You discovered your colleague is a regular drug addict for the past 5 years, 3 of which working under NHS
- B- Your colleague is having a divorce and asking for many days off putting your schedule at constant tension and changes
- C- Your colleague is trying to show your senior that she works better and harder than you
- D- Your colleague does not seem to be fully informed about the patient confidentiality act and chatters about patients information during breaks

91- If someone tells us about a finding made against you by a public body, we may open a fitness to practice case if we consider the finding:

- A- raises concerns that could affect patient safety or public confidence
- B- raises concerns about your punctuality at work
- C- raises concerns about your respect to colleagues at work
- D- raises concerns about your performance

92- If anywhere in the world, you receive a conditional discharge for a criminal offence:

- A- You must inform the GDC
- B- You should inform the GDC
- C- You consider informing the GDC
- D- You are not obliged to inform the GDC

93- If you are placed on a barring list held by Disclosure and Barring Service, you:

- A- You must inform the GDC
- B- You should inform the GDC
- C- You consider informing the GDC
- D- You are not obliged to inform the GDC

94- If you receive a fixed penalty notice for a road traffic in UK, you:

- A- You must inform the GDC
- B- You should inform the GDC
- C- You consider informing the GDC

D- You are not obliged to inform the GDC

95- If you constantly receive an order or notice that is becoming widely known and started raising concerns about your behavior that is undermining the public confidence in the profession, you:

- A- You must inform the GDC
- B- You should consider informing the GDC
- C- You shouldn't consider informing the GDC
- D- You are not obliged to inform the GDC

96- For restoration to the register of the GDC, you are not sure about a conviction you made 13 years ago and you were 20 years old back then:

- A- You must inform the GDC
- B- You should consider informing the GDC
- C- You are not obliged to inform the GDC

97- For the past case example, you found another conviction you made as a minor 18 years ago:

- A- You must inform the GDC
- B- You should consider informing the GDC
- C- You are not obliged to inform the GDC

98- From the following, which you are not obliged to inform the GDC about:

- A- A caution on a specified offense list
- B- A caution not on a specified offense list issued 3 years ago
- C- A caution not on a specified offense list issued 1 year ago
- D- You were under 18 at the time the caution was issued

99- If you are conducted by the GDC or public body:

- A- You must respond in full within the time specified
- B- You do not have to respond in full within the time specified

100- When a concern is raised by you or about you, in relation to your fitness to practice or a criminal offense:

- A- You have a professional obligation to co-operate with any investigation and to comply with any sanction
- B- You have the right to not respond within the time specified
- C- You are not obliged to co-operate with the authorities
- D- You shouldn't consider notifying your indemnity or insurance provider

101- From the following, which is the most prior factor in achieving a successful root canal treatment:

- A- Obtaining a straight line access

- B- Proper cleaning and shaping
- C- Choosing a suitable intracanal filling
- D- Obtaining a good coronal and apical seal

102- In order to avoid sodium hypochlorite accident, which of the following is incorrect?

- A- Routine use of a rubber dam
- B- Measuring files to the correct working length
- C- Placing stoppers for irrigation syringes at the working length
- D- The use of safe ended needles
- E- Passive movement of the needle to allow the irrigant to flow back into access cavity and be aspirated