Q.1 What would be the protocol followed if a dentist get a needle stick injury while treating a patient suffering from hepatitis C.

Q.2 What are evidence-based advantages of crown-down technique of root canal preparation?

Q.3 You have selected composite for class II cavity in lower first mandibular molar. What are the principles behind wet bonding? What factors may influence the success of dentine bonding?

Q.4 What are the causes of post-restorative sensitivity in composite and briefly define mechanism?

Q.5 What is air-abrasion technology? What are its indications and contraindications in dentistry?

Q.6 A 4-year old child came to you for dental treatment. When you completed the examination, you found absence of both lower second deciduous molars due to extraction few months back. What are the consequences of early extraction of deciduous teeth?

Q.7 What are the potential problems, a clinician can come across in restoration of implants?

Q.8 A 50 year old known bruxer is under treatment for myofacial pain dysfunction syndrome. Your prosthodontist friend is concerned about the cavities at the cervical area which are not carious.

a) What are these cavities?
b) Why these cavities have developed in this patient?
c) What materials you use to restore the cavities?

Q.9 What are the different methods of achieving systemic fluoride applications? What are their advantages?

Q.10 Give the concept of Golden proportions in dentistry?
Q.11 You have planned to perform endodontic treatment on lower right deciduous 2nd molar. What are the morphological pulp and root differences between a deciduous molar and permanent molar?

Q.12 What pulpal and dentinal changes you might observe after orthodontic treatment?

Q.13 An 18 year old patient came with fractured central incisors at the gum level. The tooth is vital but pulp is contaminated. You decided to do root canal treatment. What prosthesis option you have after root canal treatment?

Q.14 What are the advantages of microsurgery over conventional endodontic surgery?

Q.15 A patient came to your clinic complaining of dislodgement of a PFM crown, on examination you noticed a crown of natural tooth is at gum level and there is no ferrule preparation. What are the advantages of having a ferrule?

Q.16 Pontic design is of prime importance in fixed prosthodontics. What are the advantages of ovate pontics over others?

Q.17 Classify "furcation defects". Give the management of each type.

Q.18 Classify perio-endo lesions. How will you evaluate to reach a diagnosis?

Q.19 Modern Operative Dentistry practice cannot be fully justified without good quality digital radiographs why?

Q.20 A 70 year old patient came to you complaining of caries on the root surfaces of his teeth. What are factors responsible for development of these carious lesions?

THE END