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Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Answer All The Questions

10 X 10 = 100 Marks

- 1. What are the causes of failure of ceramics? Write about strengthening of dental ceramics.
- 2. Explain the recent developments in Resin composites.
- 3. Explain tests of significance in statistical analysis.
- 4. Write about the events occurring during healing following endodontic surgery.
- 5. Discuss classification, composition and theories of mode of action of L.A. Add a note on reversal of effect of LA.
- 6. Applications of antibiotics in endodontics.
- 7. Discuss physiology of saliva and its significance in dental caries. Add a note on anti-cariogenic materials.
- 8. Discuss the structure and features of the root apex and its significance in endodontics.
- 9. Explain the physiology of blood clotting and add a note on PRF in endodontics.
- 10. Explain the neural supply of maxillary posterior teeth and discuss related cause for failure of IA.

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