

## Restorative dentistry III.

### Questions

1. Explain terms dental, dentolabial and dentofacial harmony. Surface texture, optical dimensions of crown, translucency, transparency, opacity opalescence, fluorescence
2. Reading of colour and optical properties of hard dental tissues in frontal and distal areas of dental arch. Explain terms: Three variables of colour, perception of colours, most important optical properties of hard dental tissues.
3. Composite materials –their composition and properties
5. Adhesion and adhesive systems
6. Glassionomers, their composition, classification and role in esthetic treatment. Internal mineralization, ART technique, tunnel preparation.
7. Step by step reconstruction of frontal teeth with defect of incisal edge
8. Fillings class III. Choice of materials, sequences of operation, mistakes
9. Cervical defects and their solution
10. Dry operating field and tissue management
11. Aesthetic fillings in posterior teeth – class I.
12. Aesthetic fillings in posterior teeth - Class II.
13. Mistakes by making fillings in posterior area
14. Explain terms: polymerization, polymerization shrinkage, polymerization stress.
15. Mistakes by making filling in anterior teeth and their clinical consequences.
16. Explain term marginal discoloration, postoperative sensitivity, gap, explain their reasons and solution of these problems
17. Mistakes by making glassionomer fillings,.
18. Miniinvasive treatment
19. Polymerization units and their curing effect, correct ways of light curing. Incremental and bulk fill technique.
20. Tools for proper work with composites (matrices, instruments atc), concepts of finishing and polishing
21. Indirect restorations – inlays, onlays, veneers.
22. Basic rules of preparation, preparation trauma
23. Periodontal diseases related to restorative treatment, their prevention, solution.
24. Subgingival defects and their treatment, management of deep caries (caries pulpaе proxima)
25. Non carious lesions of hard dental tissues, classification, aethiology, solution.
26. Postoperative sensitivity

Case reports: Photo or x-ray for discussion.

Hypoplastic teeth, amelogenesis imperfecta, fluorosis – hypomineralization, secondary and recurrent caries, gingival hyperplasia, cervical defects, caries pulpa proxima, subgingival defect.

Describe photo or radiogram, say the working diagnosis and suggest the solution.