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1. a. Subject, significance and correlation of paediatric dentistry

b. Radiology in childhood

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2. a. The mechanism of second dentition

b. Consequential diseases of caries and their treatment in permanent dentition

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3. a. General aspects of prophylaxes in paediatric dentistry (nutrition, oral hygiene, early treatment)

b. Administration of local anaesthesia in childhood

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4. a. The role and application of fluoride in caries prevention

b. Dentoalveolar surgery in childhood and adolescence

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5. a. Numerical anomalies of primary and permanent dentition; treatment options

b. Dental attendance of non-cooperative or problem child patients

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6. a. Development of primary and permanent teeth

b. Indication and execution of prosthodontics in childhood and adolescence

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7. a. Morphological anomalies of primary and permanent dentition; treatment options

b. Non- invasive and minimally invasive techniques in paediatric dentistry

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8. a. Structural anomalies of primary and permanent dentition; treatment options

b. Orthodontic anomalies prevention possibilities for the paediatric dentist

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9. a. Caries in primary dentition

b. Infectious diseases in childhood (pathogens, incubation, general and oral symptoms)

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10. a. Traumatic injuries of primary teeth (reasons, appearance, significance, treatment)

b. Oral symptoms of viral and fungal infectious diseases in childhood; treatment possibilities

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11. a. Treatment of caries in primary dentition

b. Gingival and periodontal diseases during childhood and adolescents; treatment possibilities

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12. a. Consequences of traumatic injuries in primary dentition and their treatment

b. Administration of medicaments in paediatric dentistry (antimicrobial and antihistamine drugs, vitamins)

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13. a. Anatomy and eruption of primary teeth

b. Traumatic injuries of permanent teeth (luxation) and complex therapy

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14. a. Traumatic injuries of permanent teeth (fractures) and complex therapy

b. Medical emergencies in paediatric dentistry

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15. a. Caries treatment of permanent dentition. Correlations between caries of primary and caries of permanent dentition

b. Basic life support (BLS) during paediatric dental treatment (medication and techniques)

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**16. a. Root canal treatment on immature permanent teeth.**

**b. Filling materials in paediatric dentistry**

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**17. a. Consequential diseases of caries and their treatment in primary dentition**

**b. Oral symptoms of systemic diseases in childhood**

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**18. a. Pit and fissure sealing**

**b. Administration of medicaments in paediatric dentistry (analgesics and local medicaments)**

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