

Paper-III- Clinical Periodontology (Includes Gingival Diseases, Periodontal Diseases, Periodontal Instrumentation, Diagnosis, Prognosis And Treatment Of Periodontal Diseases) And Oral Implantology

Long Answers: 20 Marks

1	Discuss approaches for periodontal tissue engineering.	N
2	Advance diagnostic aids	2011
3	Discuss current trends in chemical plaque control.	M
4	Discuss peri-implant diseases and its management.	2010
5	Discuss the signs and symptoms of treatment of bruxism	M
6	Classify gingival enlargement. Describe in detail the clinical features, histopathology and management of cyclosporine induced gingival enlargement	2009
7	Lab investigations in periodontal practice	A
8	Discuss in detail the management of furcation defects	2008
9	Current concepts in the treatment of tooth hypersensitivity	
10	Management of furcation involvement	
11	Discuss the application of lasers in periodontal therapy.	A
12	Discuss the recent development in micro-surgical techniques and its application in Periodontics.	2007
13	Various diagnostic aids in periodontics	
14	Describe the mucogingival surgical procedures for root coverage.	
15	Describe the current status of periodontal treatment with LASERS	S
16	Describe the present status of modified widmon flap surgery.	2007
17	Role of chemical plaque inhibitors in periodontics.	
18	Give the classification of infrabony pockets and the management of the same.	
19	Discuss the role of platelet rich plasma in the periodontal regeneration.	2006
20	Discuss the current concept of coronoplasty in periodontal therapy.	
21	Describe in detail with suitable research evidences about the current concept on etiology, clinical features, diagnosis, prognosis, radiographic appearance and immunological aspects of localized favourite periodontitis.	
22	Enumerate few periodontal pathogens. Discuss the role of black pigmented bacterioids in the pathogenesis of periodontal disease.	
23	Classify bony defects in periodontal diseases. How would you investigate and	A

24	establish the prognosis of the defect. Discuss the influence of the female sex hormones over the periodontium.	2005
25	Discuss the current concepts of management of gingival recession.	2004
26	Discuss the rationale and limitations of periodontal therapy during pregnancy.	
27	Discuss the merits and demerits of ultrasonics in periodontal therapy.	2003
28	Discuss the use of lasers in periodontal therapy.	
29	Define anti-microbials. Write in detail about various forms, its use in periodontal pocket therapy.	
30	Management of primary trauma from occlusion.	
31	Discuss the microbiological profile of localised juvenile periodontitis and its recent advances.	
32	Discuss the influence of systemic diseases on the periodontium.	
33	New attachment procedures.	2002
34	Management of primary trauma from occlusion – in detail.	
35	Role of genetic influence in the aetiology of periodontal diseases.	
36	What is bio-film. Describe the current trends on biofilm in periodontal diseases.	
37	Discuss the recent developments of reconstructive periodontal osseous surgery.	
38	Discuss the biologic aspects of dental implants.	
39	Discuss the role of antimicrobial agents in the management of periodontal diseases.	
40	Discuss the role of saliva in health and disease.	
41	Discuss the indications and limitations of surgical approaches to increase the zone of attach gingiva.	2001
42	Define and classify periodontal splints. Give its indications, role and biophysical principles.	
43	Discuss the microbial specificity with reference to periodontal diseases.	
44	Discuss the influence of female sex hormones over the periodontium.	
45	Discuss recent advances in periodontal diagnosis	
46	Discuss the biologic principles of guided periodontal tissue regeneration.	

Short Answers:

1. Management of Halitosis	N 2011
2. Antioxidants	
3. Citric acid and fibronectin in periodontal therapy	

4. Subantimicrobial dose doxycycline	
5. Probiotics	
6. Crown lengthening	
7. Host modulation therapy in periodontal therapy	M 2010
8. Current concepts in root biomodification	
9. Complications following flap surgery	
10. Current status of alloplasts in periodontal regeneration	
11. Explain wound healing in furcation defects	
12. Explain the factors which influences prognosis and treatment plan in periodontal diseases	
13. Classification of various bone grafting materials	M 2009
14. Periodontal pockets	
15. Prognosis	
16. Gingivectomy technique	
17. Halitosis and its management	
18. Vestibular extension procedure with its indications	
19. Evidence based periodontal therapy	A 2008
20. Chlorhexidine	
21. Operating microscope	
22. Electro surgery	
23. Supportive periodontal treatment	
24. Ortho-perio inter-relationship	
25. Results of periodontal treatment	
26. Materials used in GTR	
27. Splints in periodontal therapy	
28. DNA probe	
29. Ultrasonics in periodontal therapy	
30. Maintenance schedule for the implant patient	
31. Role of reactive oxygen species in Periodontitis	A 2007
32. Status of growth factors in periodontal regeneration	
33. Drawbacks of crown lengthening procedures	
34. Chronic desquamative gingivitis	
35. Immediate implants	
36. Coronoplasty	
37. Factors responsible for failure of periodontal therapy	

<p>38. Describe supportive periodontal therapy in brief</p> <p>39. Explain the use of electro surgery in periodontics</p> <p>40. Recent advances of periodontal surgery</p> <p>41. Periodontal dressing materials</p> <p>42. Indications of dental implants</p>	
<p>43. Alendronate</p> <p>44. Powered tooth brush</p> <p>45. Root biomodification</p> <p>46. Osteoplasty</p> <p>47. Periodontal probes</p> <p>48. Allografts</p> <p>49. Describe any 1 vestibular extension procedures along with its indication.</p> <p>50. Explain the role of patient motivation in preventive periodontics.</p> <p>51. How laser can be best used in periodontal therapy?</p> <p>52. Classification of various bone grafting materials.</p> <p>53. Explain the procedure of respective osseous surgery.</p> <p>54. Peri-implant complications.</p>	S 2007
<p>55. Implant-bone interface</p> <p>56. FGG</p> <p>57. Enamel matrix derivatives</p> <p>58. Ey:YAG laser</p> <p>59. Undisplaced flap surgery</p> <p>60. Microsurgical instruments</p> <p>61. Enumerate and discuss the causes and management of various acute gingival lesions</p> <p>62. Periodontal disease – a risk factor for preterm low birth weight.</p> <p>63. Periodontal manifestation of diabetic patient</p> <p>64. Periodontal disease activity with special emphasis on gram negative anaerobes</p> <p>65. Genetic factors in periodontal disease</p> <p>66. Animal experiments in periodontal research</p> <p>67. Discuss the keys technique as therapeutic approach in the management of periodontal disease.</p> <p>68. Discuss the objectives and indications to Occlusal adjustment in periodontal therapy</p> <p>69. Use of lasers in periodontal therapy</p> <p>70. Tooth brushes used for plaque control</p> <p>71. Various disclosing agents</p>	2006

72. Treatment of gingival enlargement in pregnancy	
73. Discuss the maintenance phase after implants. 74. Difference between pocket and clinical attachment loss- your views. 75. Role of interleukin-1 in periodontal health and disease. 76. Merits and demerits of ultrasonics in periodontal therapy. 77. Role of systemic antibiotics in periodontal therapy. 78. Discuss the importance of adequate width of attached gingiva.	A 2005
79. Clinical aspects of dental implants 80. Difference between pocket depth and attachment level- your views 81. Chemically modified tetracycline 82. Treatment of chronic desquamative gingivitis 83. Crown lengthening procedure 84. Biology of periodontal wound healing.	2004
85. Advanced diagnostic aids in Periodontics 86. Discuss the various factors influencing prognosis and treatment planning in patients of chronic periodontal diseases. 87. Discuss the role of splints in the periodontal therapy. 88. How would you manage a case of acute necrotizing ulcerative gingivitis? 89. How does the periodontal ligaments functionally adapt to masticatory forces. 90. Discuss the role of tranquilizers and sedatives as adjuncts in periodontal therapy. 91. Papilla preservation flap surgery 92. Management of grade- II and III furcation with vertical defects. 93. Halitosis- its therapy 94. Autogenous osseous grafts 95. Pulpo-periodontal lesions 96. Acute herpetic gingivostomatitis diagnosis and management. 97. Basic concepts of host response 98. Macrophages in periodontal health and disease 99. Food impaction and periodontal health 100. Bruxism and periodontal health 101. Gingival bleeding 102. Etiopathogenesis of drug induced gingival enlargement	2003
103. BMPs- basis and clinical applications 104. Management of grade- III and IV furcation involvement 105. Chemical plaque control in periodontal therapy	2002

<p>106. Decision making in periodontal therapy</p> <p>107. Aesthetic gingival contouring</p> <p>108. Osseous resective surgery</p> <p>109. TFO</p> <p>110. Periodontal disease as a risk factor for systemic diseases.</p> <p>111. Drug induced gingival enlargement.</p> <p>112. GCF as a marker of periodontal destruction.</p> <p>113. BMPs</p> <p>114. Complement activation- its role in the pathogenesis of periodontal disease.</p> <p>115. Discuss the formation, composition and attachment of dental plaque.</p> <p>116. Describe bacteriology of periodontal pocket.</p> <p>117. Describe the current concept on the pathogenesis of localised juvenile periodontitis.</p> <p>118. State the role of systemic conditions modifying the clinical appearance of periodontal tissue in detail.</p> <p>119. Discuss the role of IL-1 in periodontal health and disease</p> <p>120. Discuss the role of tobacco in periodontal disease.</p> <p>121. Periodontal surgery under magnification.</p> <p>122. Criteria for selection of mucogingival techniques.</p> <p>123. Treatment of chronic desquamative gingivitis</p> <p>124. Treatment of denuded roots</p> <p>125. Historical development of modified Widman's flap surgery</p> <p>126. Root planning versus gingival curettage.</p>	
<p>127. Pathogenesis and management of furcation involvement in periodontal disease.</p> <p>128. Discuss interdisciplinary approaches and relationships in Periodontics.</p> <p>129. Discuss the management of periodontal problems in patients with high risk factors.</p> <p>130. Periodontal lesions are healing lesions. – in the light of above statement evaluate the management of early periodontitis.</p> <p>131. Rationale of using local drug delivery system.</p> <p>132. How will you manage a case of desquamative gingivitis?</p> <p>133. Discuss the acute periodontal lesions</p> <p>134. Classify bony defects. How would you investigate and establish prognosis of such defect?</p> <p>135. Describe attachment of dental calculus.</p> <p>136. Describe hormonal influences on periodontium during pregnancy.</p> <p>137. Discuss protective component of saliva.</p>	2001

138. Discuss the current concept as regards the etiology of prepubertal periodontitis.	
139. Implant- bone interface	
140. Periodontal microsurgery	
141. Papilla preservation flap	
142. Alloplastic bone graft substitutes	
143. Coronoplasty in periodontal therapy	
144. Free soft tissue autograft	