



BALUCHISTAN PUBLIC SERVICE COMMISSION

Samungli Road, Quetta Cantt.

F/B 277

Syllabus for the post of Senior Registrar Oral Surgery (Dentistry) (B-18) in the BMC (Health Department)

Operative
Dentistry

Advt. No. : 03/2021

MCQs test in the following subjects:

A. OPERATIVE DENTISTRY:

1. Cross infection Control
2. Evaluation & History Taking, Radiographs
3. Cariology
4. Amalgam
5. Dental Adhesion
6. Composite
7. Non-Carious Tooth Surface Loss
8. Ultra Conservative Aesthetic Procedures
9. Indirect Partial Coverage Restorations
10. Occlusal Adjustment in Single Tooth Restoration
11. Trauma.

B. ENDODONTICS

1. Endodontic Case Difficulty Assessment
2. Diagnostic Clinical Tests required for endodontic evaluation
3. Interpretation of Periapical Radiographs
4. Differentiation of Odontogenic radiolucency / radiopacity from Non-Odontogenic
5. Resorption
6. Endodontic-periodontics interrelationships
7. Endodontic Emergencies and management
8. Pain Management
9. Endodontic Microbiology & Histology
10. Endodontic Anatomy
11. Endodontic Access Opening
12. Chemo-Mechanical Preparation
13. Working Length
14. Manual ISO Instrumentation
15. Rotary NiTi Endodontics
16. Obturation
17. Inter Appointment Temporization
18. Coronal Seal in Endodontics
19. Procedural Errors in Endodontics
20. Regenerative Endodontics
21. Apexification
22. Pulp Therapy.

C. PAEDIATRIC DENTISTRY

1. Patient Assessment
2. Early Childhood Caries (ECC)
3. Fluorides
4. Pit and Fissure Sealants
5. Vital Pulp Therapy, Pulpectomy & Regenerative Endodontics
6. Restorations
7. Local Anesthesia
8. Child Psychology & Behavior Management
9. Developmental Anomalies of the teeth and Acquired Disturbances
10. Oral habits
11. Space maintenance in the primary dentition.

D. CLINICAL PERIODONTICS

1. Significance of clinical and biological information
2. Periodontal Examination and Diagnosis
3. Radiographic Aids in the Diagnosis of Periodontal Diseases
4. Clinical Risk Assessment
5. Determination of Prognosis
6. Treatment Planning and Rationale for Periodontal Treatment
7. Periodontal Treatment of Medically Compromised Patients
8. Treatment of Aggressive and Atypical Forms of Periodontitis
9. Treatment of Acute Gingival Disease
10. Treatment of Periodontal Abscess
11. Diagnosis and Management of Endodontic-Periodontics Lesions
12. Nonsurgical Treatment
- 12 (a). Phase I Periodontal Therapy
- 12 (b). Plaque Biofilm Control for the Periodontal Patient
- 12 (c). Breathe Malodor
- 12 (d). Scaling and Root Planning
- 12 (e). Sonic and Ultrasonic Instrumentation and Irrigation
- 12 (f). Host Modulation
- 12 (g). Occlusal Evaluation and Therapy
13. Surgical Treatment
- 13 (a). Phase II Periodontal Therapy
- 13 (b). Periodontal and Peri-Implant Surgical Anatomy
- 13 (c). General Principles of Periodontal Surgery
- 13 (d). Principles of Periodontal Surgery for Pocket Reduction
- 13 (e). Treatment of Gingival Enlargement
- 13 (f). Resective Osseous Surgery
- 13 (g). Periodontal Regeneration and Reconstructive Surgery
- 13 (h). Furcation: Involvement and Treatment
- 13 (i). Periodontal Plastic and Esthetic Surgery
- 13 (j). Leukocyte and Platelet Rich Fibrin (L-PRF), Biological Properties and Applications
- 13 (k). Periodontal Microsurgery
14. Lasers In Periodontal and Peri-Implant Therapy
15. Periodontal-Restorative Interrelationships
16. Preparation of the Periodontium for Restorative Dentistry
17. Restorative Interrelationships

E. ORAL IMPLANTOLOGY

- 279
1. Biology, Diagnosis, Biomechanics and Treatment Plan
 2. Periimplant Anatomy, Biology, and Function
 3. Clinical Evaluation of the Implant Patient
 4. Diagnostic Imaging for the Implant Patient
 5. Prosthetic Considerations for Implant Treatment
 6. Basic Implant Surgical Procedures
 7. Localized Bone Augmentation and Implant Site Development
 8. Advanced Implant Surgical Procedures
 9. Esthetic Management of Difficult Cases
 10. Dental Implant Microsurgery: Immediate Placement
 11. Piezoelectric Bone Surgery
 12. Digital Assisted Implant Surgery
 13. Implant-Related Complications and Failures
 14. Results of Implant Treatment.

BOOKS / TEACHING & LEARNING AIDS FOR OPERATIVE DENTISTRY / ENDODONTICS / PEDIATRIC DENTISTRY:

1. *Sturdevant's Art and Science of Operative Dentistry: Theodore M. Roberson, Herald O. Heymann, Edward J. Swift. Mosby; (latest available edition).*
2. *Fundamentals of Operative dentistry; A contemporary approach. Summitt James B., Robbins, William J., Hilton, Thomas J., Schwartz, Richard S. Quintessence publishing Co. (latest available edition).*
3. *Inlays, crowns and bridges; a clinical handbook by Colin R. Cowell, Ivan Curzon, George F. Kantorowicz, David S. Shovelton, F. Ivor Whitehead. Edited by Kantorowicz, George (latest edition).*
4. *Curzon MEJ, Duggal MS, Fayle SA, Koch G, Robertson AJ & Toynba KJ Restorative Techniques in Paediatric Dentistry: An Illustrated Guide to the Restoration of Carious Primary Teeth Taylor & Francis.*
5. *MacDonald RE, Avery DR & Dean JA (2004) Dentistry for the Child and Adolescent, 8th edition Mosby.*
6. *Welbury RR, Duggal MS & Hosey MT (eds) (2005) Paediatric Dentistry 3rd edition Oxford University Press.*
7. *Deery C, Hosey TM & Waterhouse P Paediatric Cariology Quintessence Publishing Co Inc.*
8. *Newman and Carranza's Clinical Periodontology 13th Edition - 2018*
9. *Implants in Clinical Dentistry - Richard M. Palmer- 2nd Edition*