

BHARATI VIDYAPEETH
(DEEMED TO BE UNIVERSITY), PUNE, INDIA
PhD Entrance Test – 2020
SECTION-II: PROSTHODONTICS - 50 Marks

- 1. Applied Anatomy, Physiology, Biochemistry, Pathology, Pharmacology.**
- 2. Applied dental materials:** All materials used for Cranio-facial disorders; clinical treatments, laboratory material and associated technical considerations such as shelf life, storage, manipulation, etc. Sterilization and Waste management.
- 3. Removable prosthodontics & implants**
 - A. Prosthetic treatment for completely edentulous patients: complete denture, immediate complete denture, single complete denture, Overdenture, implant supported complete denture.
 - B. Prosthetic treatment for partially edentulous patients: Cast partial dentures, precision attachments.
- 4. Maxillofacial prosthodontics.**
- 5. Occlusion in prosthodontics.**
- 6. Fixed prosthodontics**
 - A. Management of carious teeth
 - B. Periodontal considerations
 - C. Biomechanical principles of tooth preparations
 - D. Isolation and fluid control
 - E. Restorations of endodontically treated teeth
 - F. Management of failed restorations
- 7. Implant prosthodontics**
- 8. Temporomandibular joint dysfunction: etiology, diagnosis & treatment planning.**
- 9. Esthetics and its relation to functions; smile design.**

REFERENCE BOOKS:

1. Contemporary Fixed Prosthesis: Rosensteil S.F:3rd edition
2. Phillips Science of Dental Materials: Anusavice K.J:10TH edition
3. Boucher's Prosthodontic Treatment: Zarb G.A:11th edition
4. Clinical Removable Partial Prosthodontics: Stewart K.L:2nd edition
5. Management of Temporomandibular Disorders and Occlusion:Okeson:5th edition
6. Contemporary Implant Dentistry: Carl Misch: 4th edition