

جدول مواصفات / إمتحان البورد الفلسطيني - الجزء الثاني

Table of specifications, part II exam.

اختصاص الاستعاضة السنية



#	Body of knowledge (topics)	Weighted Percentage (%)	# Of Questions (± 20 %)
1	<b>Fixed Prosthodontics/Natural teeth</b>	18-22	20
	<ul style="list-style-type: none"> <li>• Treatment planning</li> <li>• Theories of Occlusion</li> <li>• Mandibular Movement</li> <li>• Terminal Hinge Axis</li> <li>• Anterior and Posterior determinants of Occlusion</li> <li>• Classification of Articulators</li> <li>• Centric Relation</li> <li>• Occlusal Schemes</li> <li>• Occlusal Vertical Dimension and Methods of determination</li> <li>• Techniques for Interocclusal Records</li> <li>• Material properties</li> <li>• Fabrication techniques</li> <li>• Principles of tooth preparation</li> <li>• Margin design and fit</li> <li>• Length of service of different types of restorations</li> <li>• Restoration of Endodontically Treated teeth</li> <li>• Cementation Protocols</li> <li>• Impression techniques and Materials</li> <li>• Color</li> <li>• Caries Risk Assessment</li> <li>• Maintenance</li> </ul>		
2	<b>Implants</b> <ul style="list-style-type: none"> <li>• Diagnosis/ Treatment Planning/</li> <li>• Patient assessment</li> <li>• Diagnostic imaging</li> <li>• Medical assessment</li> <li>• Anatomy</li> <li>• Surgical Implant Placement</li> <li>• Timing of implant placement</li> <li>• Loading protocols</li> <li>• Common Medical Emergencies and Management</li> <li>• Implant surface morphology, implant design, connection types</li> <li>• Grafting/ Augmentation Materials and Techniques</li> <li>• Prosthetic designs and Materials</li> </ul>	18-22	20

	<ul style="list-style-type: none"> <li>• Edentulous VS partially edentulous</li> <li>• Complications and Management</li> <li>• Maintenance</li> </ul>		
3	<b>Removable Partial Denture/ Overdenture Prosthodontics</b> <ul style="list-style-type: none"> <li>• Diagnosis</li> <li>• Design</li> <li>• Function</li> <li>• Attachments</li> <li>• Mouth preparation</li> <li>• Impressions</li> <li>• Framework Components</li> <li>• Occlusion</li> <li>• Insertion</li> <li>• Adjustment</li> <li>• Maintenance</li> </ul>	8-12	10
4	<b>Complete Denture/ Natural Tooth Overdenture Prosthodontics</b> <ul style="list-style-type: none"> <li>• Diagnosis</li> <li>• Pre-prosthetic surgery</li> <li>• Anatomy</li> <li>• Impressions</li> <li>• Maxillomandibular relations</li> <li>• Tooth selection, arrangement Esthetics Phonetics</li> <li>• Occlusion</li> <li>• Processing and Materials</li> <li>• Insertion</li> <li>• Adjustments</li> <li>• Overdentures</li> <li>• Immediate denture</li> <li>• Relining/rebasing</li> <li>• Maintenance/ Home care</li> </ul>	8-12	10
5	<b>Maxillofacial Prosthodontics Prosthodontics</b> <ul style="list-style-type: none"> <li>• Cleft Palate</li> <li>• Cancer</li> <li>• Radiation therapy</li> <li>• Maxillary defects</li> <li>• Maxillary Prostheses</li> <li>• Mandibular defects</li> <li>• Mandibular Prostheses</li> <li>• Facial Prostheses</li> </ul>	6-8	7
6	<b>Occlusion</b> <ul style="list-style-type: none"> <li>• Mandibular Movement</li> </ul>	13-17	15

	<ul style="list-style-type: none"> <li>• Optimal Functional Occlusion</li> <li>• Determinants of Occlusal Morphology</li> <li>• Temporomandibular Disorders</li> <li>• Treatment Sequencing and Diagnostic Algorithms</li> <li>• Occlusal Appliance Therapy</li> <li>• Occlusal Therapy</li> <li>• Selective Grinding</li> </ul>		
7	<b>Biomaterials</b> <ul style="list-style-type: none"> <li>• Casting</li> <li>• Cements</li> <li>• Gypsum/Investments</li> <li>• Impression materials</li> <li>• Metals</li> <li>• Ceramics</li> <li>• Resins</li> <li>• Soldering</li> <li>• Waxes</li> <li>• Polymers</li> <li>• Miscellaneous</li> </ul>	8-12	10
8	<b>Digital prosthodontics</b> <ul style="list-style-type: none"> <li>• Preparation Principles, Margin Design, and Selection of Restorative Materials for CAD/CAM</li> <li>• Digital Impression Making, Tissue Retraction, and Scanning Protocol</li> <li>• Prosthodontic Driven Implant Guided Surgery</li> <li>• Implant digital restorative workflow</li> <li>• Digital Complete Dentures</li> </ul>	6-10	8
<b>Total</b>			<b>100</b>

**Suggested readings:**

**1-**

- Rosenstiel & Martin; Contemporary Fixed Prosthodontics, 5th Edition, 2016
- Shillingburg; Fundamentals of Fixed Prosthodontics, 4th Edition, 2012
- William R. Laney, Thomas J. Salinas, Alan B. Carr, Sreenivas; Diagnosis and Treatment in Prosthodontics 2nd Edition, 2011
- Magne, Pascal & Belser, Urs C; Biomimetic Restorative Dentistry, 2nd Edition, 2022
- The Glossary of Prosthodontic Terms: Ninth Edition. J Prosthet Dent. 2017 May;117(5S):e1-e105.
- Journals\*

- Carl Misch; Dental implant prosthetics; 2ed; 2014.
- Carl Misch & Randolph Resnik; Misch's Avoiding Complications in oral implantology, 1<sup>st</sup> Edition 2016
- Michael Pikos; Bone augmentation in implant dentistry, 1<sup>st</sup> Edition, 2019
- Carl Misch; Contemporary Implant Dentistry, 3<sup>rd</sup> Edition
- The Glossary of Prosthodontic Terms: Ninth Edition. J Prosthet Dent. 2017  
May;117(5S):e1-e105.
- Journals\*

### 3-

- Carr & Brown; McCracken's Removable Partial Prosthodontics, 13th Edition, 2015
- Phoenix et al. Stewart's Clinical Removable Partial Prosthodontics, 4th Edition, 2008
- The Glossary of Prosthodontic Terms: Ninth Edition. J Prosthet Dent. 2017  
May;117(5S):e1-e105.
- Journals\*

### 4-

- R. M. Basker, et al. Prosthetic Treatment of the Edentulous Patient, 5th Edition, 2011
- George A. Zarb et al.; Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prosthodontics, 13th Edition, 2012
- The Glossary of Prosthodontic Terms: Ninth Edition. J Prosthet Dent. 2017  
May;117(5S):e1-e105.
- Journals\*

### 5-

- Beumer III & Marunick; Maxillofacial Rehabilitation: Prosthodontic and Surgical Management of Cancer-Related, Acquired, and Congenital Defects of the Head and Neck, 3<sup>rd</sup> Edition, 2011
- Neville, Brad W; Oral and maxillofacial pathology, 4<sup>th</sup> Edition, 2016.
- The Glossary of Prosthodontic Terms: Ninth Edition. J Prosthet Dent. 2017  
May;117(5S):e1-e105.

Journals\*

### 6-

- Jeffrey Okeson, Management of Temporomandibular Disorders and Occlusion, 8th Edition - 2019
- Peter E. Dawson, Functional Occlusion: From TMJ to Smile Design, 1st Edition, 2006
- The Glossary of Prosthodontic Terms: Ninth Edition. J Prosthet Dent. 2017  
May;117(5S):e1-e105.

## **2-**

- Sakaguchi; Craig's Restorative Dental Materials. 14th Edition 2018
- Phillips; Skinner's Science of Dental Materials, 9<sup>th</sup> Edition
- The Glossary of Prosthodontic Terms: Ninth Edition. J Prosthet Dent. 2017 May;117(5S):e1-e105.
- Journals\*

## **3- Journals:**

- Journal of Prosthetic Dentistry
- Journals of Prosthodontics
- International Journal of Prosthodontics
- Clinical oral implant research
- Journal of Esthetic and Restorative Dentistry