Table of Specification
PhD Entrance Test (PhD Science of Dental Materials)

S. No	Topic	No. of MCQs
1	Ceramics • Fabrication techniques • CAD-CAM • Porcelain-fused-to-metal	10
2	Metallurgy • Gold and Noble Metal Alloys • Base Metal Alloys • Steel and Wrought Alloys	07
3	Polymers • Denture base polymers • Denture lining materials	03
4	Impression Materials • Elastic impression materials • Non- Elastic impression materials	07
5	Adhesive Bonding • Enamel Bonding • Dentin Bonding	12
6	Composite resin and glass lonomer • Properties • Setting Characteristics	10
7	Cements • Phosphoric acid based • Organometallics-chelate based • Polycarboxylates • Endodontics	07
8	Dental Implants • Types • Osseo integration	05
9	Tissue Engineering • Biomaterials and scaffold fabrication • Soft tissue engineering • Hard tissue engineering	12
10	Characterization techniques • Microscopy • Spectroscopy • Mechanical • Biological	12
11	Biostatistics Research ethics and scientific writing Research methodology	15
	total	100