

MARCH 2007

[KQ 405]

Sub. Code : 2423

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

**(For candidates admitted from the academic year
2004–05 onwards)**

**Paper III — FIXED PROSTHODONTICS, TEMPORO
MANDIBULAR JOINT, OCCLUSION AND
PROSTHESIS**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

**1. Define abutment in fixed partial dentures write in
detail about abutment selection and treatment options
for each type. (20)**

**2. Explain in detail about fluid control and tissue
management in fixed prosthodontics. (15)**

**3. Explain procedural options for single tooth implant
prosthesis. (15)**

II. Short notes : (6 × 5 = 30)

(a) Pontics

(b) Abutments in implant prosthodontics

(c) Impressions in fixed partial dentures.

(d) Metal ceramics Vs. All ceramics

(e) Provisionalization in implants

(f) Titanium casting.

MARCH 2008

[KS 390]

Sub. Code : 2423

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI — Prosthodontics

(For candidates admitted from the academic year
2004–05 onwards)

Paper III — FIXED PROSTHODONTICS, TEMPERO
MANDIBULAR JOINT, OCCLUSION AND PROSTHESIS

Q.P. Code : 242423

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagrams wherever necessary.

- I. Long Essay : (2 × 20 = 40)
1. Discuss the diagnosis and various modalities treatment planning for a partially edentulous patient (Missing 36).
 2. Enumerate the various reasons for failures in fixed partial dentures and management of the same.
- II. Write short notes : (6 × 10 = 60)
1. Partial Veneer retainers
 2. Permanent luting cement
 3. Myofacial Pain Dysfunction Syndrome & Management of same.
 4. Immediate loading Vs Progressive loading of an Implant.
 5. Altering occlusal vertical height in full mouth rehabilitation – Discuss.
 6. FPD Vs Implant prostheses – Discuss.
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[KT 390]

September 2008

Sub. Code: 2423

M.D.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch VI – PROSTHODONTICS

(For Candidates admitted from 2004-2005 onwards)

**Paper III – FIXED PROSTHODONTICS, TEMPERO
MANDIBULAR JOINT, OCCLUSION AND
PROSTHESIS**

Q.P. Code : 242423

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Occlusion and its role in fixed Prosthodontics.
2. Temporization for a fixed Prosthesis case.

II. Write short notes on :

(6 X 10 = 60)

1. Wearout Facets.
 2. Abutment selection for an Fixed Partial Denture case.
 3. Pontic Designs.
 4. Soldering techniques.
 5. Impressions in fixed Partial Denture case.
 6. Metal free ceramics
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March 2010

[KW 390]

Sub. Code: 2403

M.D.S. DEGREE EXAMINATION

Branch I – PROSTHODONTICS AND CROWN & BRIDGE

(Revised Regulations)

(For Candidates admitted from 2004 to 2005 onwards)

**Paper III – FIXED PROSTHODONTICS, TEMPORO, MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS**

Q.P. Code : 242403

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions :

(2 x 20 = 40)

1. Implants for a fixed prosthesis work.
2. Soft tissue and fluid management.

II. Write short notes on :

(6 x 10 = 60)

1. Metal free ceramics.
2. Peter K. Thomson technique.
3. Stabilization splints.
4. Functionally generated path technique.
5. Tooth preparation principles.
6. Importance of radiographic investigations for a fixed partial denture case.

September 2010

[KX 390]

Sub. Code: 2403

M.D.S. DEGREE EXAMINATION

Branch I – PROSTHODONTICS AND CROWN & BRIDGE

(Revised Regulations)

(For Candidates admitted from 2004 to 2005 onwards)

**Paper III – FIXED PROSTHODONTICS, TEMPORO, MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS**

Q.P. Code : 242403

Time : Three hours

Maximum : 100 marks

Answer ALL questions

Draw suitable diagram wherever necessary

I. Essay questions :

(2 x 20 = 40)

1. Discuss the occlusal considerations for fixed partial dentures.
2. Discuss the current status of implantology in prosthetic rehabilitation with special reference to Osseo integration of implants.

II. Write short notes on :

(6 x 10 = 60)

1. Connectors in fixed partial dentures.
2. Pontics and their designs.
3. Management of implant failures.
4. Contacts and contours in fixed prosthesis.
5. Zirconium in prosthodontics.
6. Hobo's philosophy of full mouth rehabilitation.

October 2011

[KZ 390]

Sub. Code: 2403

M.D.S. DEGREE EXAMINATION

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER III – FIXED PROSTHODONTICS, TEMPORO, MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS**

Q.P. Code : 242403

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss the management of partially edentulous patients missing 36 by means of fixed prosthodontics.	6	18	10
2. Mention the different classification of fixed partial dentures. Write about the indications and contraindications of the cantilever bridges.	6	18	10
3. Enumerate the various causes for FPD failures and the management of the same.	6	18	10
4. How the retention is achieved in fixed partial prosthesis and add a note on axioproximal groove.	6	18	10
5. Discuss the TMJ dysfunction and how is it managed by a prosthodontist.	6	18	10
6. Describe the adhesive bridges and their validity in posterior quadrants.	6	18	10
7. Describe the different types of luting cements used in fixed partial prosthodontics.	6	18	10
8. Describe the provisional restorations.	6	18	10
9. Discuss the role of surface topography of implants in osseointegration.	6	18	10
10. Discuss the immediate loading and progressive loading of endosseous implants.	6	18	10

April 2012

[LA 390]

Sub. Code: 2403

**M.D.S. DEGREE EXAMINATION
BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE
PAPER III – FIXED PROSTHODONTICS, TEMPORO, MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS**

Q.P. Code : 242403

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Importance and methods of crown lengthening.	7	18	10
2. Partial veneer crowns.	7	18	10
3. Methods of Gingival Retraction.	7	18	10
4. Pontic designs in Fixed Partial denture.	7	18	10
5. Endodontically treated tooth as an abutment for Fixed Partial denture.	7	18	10
6. Laminates.	7	18	10
7. Current status of Luting cements.	7	18	10
8. Role of precision attachment in Fixed Prosthodontics.	7	18	10
9. Diagnostic methods in TMJ Pain dysfunctions syndrome.	7	18	10
10. Occlusion consideration for implant supported prosthesis.	7	18	10

[LB 390]

OCTOBER 2012

Sub. Code: 2403

M.D.S. DEGREE EXAMINATION

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

PAPER III – FIXED PROSTHODONTICS, TEMPORO, MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS

Q.P. Code : 242403

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Full mouth rehabilitation for mutilated teeth	7	18	10
2. Facial Analysis	7	18	10
3. Abutments	7	18	10
4. Bio mechanical and biological consideration of fixed partial dentures	7	18	10
5. Composite resins	7	18	10
6. Success and failures of implant supported Prosthesis	7	18	10
7. Pontic design	7	18	10
8. Impression technique for Implants	7	18	10
9. Provisional restorations	7	18	10
10. Gingival retraction	7	18	10

[LC 390]

APRIL 2013

Sub. Code: 2403

M.D.S. DEGREE EXAMINATION
BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE
PAPER III – FIXED PROSTHODONTICS, TEMPORO, MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS

Q.P. Code : 242403

Time : 3 hours

Maximum : 100 marks

(10x10=100)

1. Discuss in detail the biological width and finish lines of restorations in fixed prosthodontics.
2. All Ceramics
3. Failures of fixed prosthodontics.
4. Immediate and delayed loading of implant.
5. Bio material in implant prosthodontics.
6. Rigid and Non Rigid connectors.
7. Smile design concepts.
8. Occlusal splints for TM joint dysfunction.
9. Telescopic prosthesis.
10. Lazer in prothodontics.

[LE 390]

APRIL 2014

Sub. Code: 2403

M.D.S. DEGREE EXAMINATION

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER III – FIXED PROSTHODONTICS, TEMPORO, MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROTHESIS**

Q.P. Code : 242403

Time : 3 hours

Maximum : 100 marks

(10x10=100)

1. TM Joint dysfunction and management.
2. Selection criteria for placement of Single tooth implant prosthesis.
3. CAD – CAM in Prosthodontics.
4. Discuss in detail structural durability and Marginal Integrity of Restorations.
5. Casting Failures.
6. Ferrule effect in cast post restorations.
7. Impression materials in fixed Prosthodontics.
8. Partial veneer crowns.
9. Metal free ceramics.
10. Dento Gingival units.

[LF 390]

OCTOBER 2014

Sub. Code: 2403

M.D.S. DEGREE EXAMINATION

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER III – FIXED PROSTHODONTICS, TEMPORO, MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS**

Q.P. Code : 242403

Time : 3 Hours

Maximum : 100 Marks

(10 x 10 = 100)

1. Etiology and Management of tooth wear.
2. Pulpal consideration in abutment preparation.
3. Soft tissue management in Fixed Partial denture.
4. Die systems used in Fixed Prosthodontics.
5. Role of articulators in Fixed Prosthodontics.
6. Connectors in Fixed Partial denture.
7. Color science for esthetic restoration.
8. Posts used in Fixed Prosthodontics.
9. Role of splint therapy in TMJ Pain dysfunction syndrome.
10. “Osseo integration” in Dental Implantology.

M.D.S. DEGREE EXAMINATION

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER III – FIXED PROSTHODONTICS, TEMPORO, MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS**

Q.P. Code : 242403

Time: Three Hours

Maximum: 100 marks

(10 x 10 = 100)

1. What is fixed-movable & fixed-removable prosthesis add a note on their indications?
2. Discuss the advantages and disadvantages of resin retained fixed partial denture.
3. Describe the various methods of soft tissue management in fixed partial prosthesis.
4. Mention the different die systems deployed in fixed prosthodontics.
5. Explain the factors controlling the retention and resistance forms.
6. Explain the role of anterior guidance in full mouth rehabilitation.
7. Describe the occlusal interferences seen in natural dentition.
8. Describe the various types of splint used in T.M.J. dysfunction.
9. Explain the impression procedure for implant supported prosthesis.
10. Implant verses F.P.D. (Fixed Partial Denture).

[LH 390]

OCTOBER 2015

Sub. Code: 2403

M.D.S. DEGREE EXAMINATION

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER III – FIXED PROSTHODONTICS, TEMPORO MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS**

Q.P. Code : 242403

Time : 3 Hours

Maximum : 100 Marks

(10 x 10 = 100)

1. Discuss the requirements and validity of abutments used in fixed partial Prosthodontics.
2. Describe the validity of radiographs and articulated casts in F.P.D. treatment planning.
3. Explain the bio- mechanical considerations in F.P.D designing.
4. Explain Ideal occlusion, Normal occlusion and Pathological occlusion.
5. Describe the various concepts of occlusion.
6. Describe the step by step preparation of tooth receiving all ceramic jacket crown.
7. Discuss various types of pontic designing.
8. Write in detail about the management of endodontically treated tooth.
9. Describe the components of implant and their functions.
10. Comment on the implant and natural tooth are used as abutments.

[LI 390]

JUNE 2016

Sub. Code: 2403

M.D.S DEGREE EXAMINATION

(For the Candidates Admitted up to the Academic Year 2012-2013 only)

BRANCH I – PROSTHODONTICS AND CROWN & BRIDGE

**PAPER III – FIXED PROSTHODONTICS, TEMPORO MANDIBULAR JOINT,
OCCLUSION AND IMPLANT SUPPORTED PROSTHESIS**

Q.P. Code : 242403

Time : 3 Hours

Maximum : 100 Marks

(10 x 10 = 100)

1. Importance and methods of crown lengthening.
2. Partial veneer crowns.
3. Methods of Gingival Retraction.
4. Minimal preparation fixed partial dentures.
5. Endodontically treated tooth as an abutment for Fixed Partial Denture.
6. Laminate Veneers.
7. Current status of Luting cements.
8. Role of precision attachment in Fixed Prosthodontics.
9. Diagnostic methods in TMJ Pain dysfunctions syndrome.
10. Occlusion considerations for implant supported prosthesis.
