

# MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2011

**SUBJECT: PAPER I – APPLIED BASIC SCIENCES: APPLIED ANATOMY, EMBRYOLOGY, GROWTH AND DEVELOPMENT GENETICS, IMMUNOLOGY, ANTHROPOLOGY, PHYSIOLOGY, NUTRITION & BIOCHEMISTRY, PATHOLOGY & MICROBIOLOGY, VIROLOGY, APPLIED PHARMACOLOGY, RESEARCH METHODOLOGY AND BIostatISTICS, APPLIED DENTAL ANATOMY & HISTOLOGY, ORAL PATHOLOGY & ORAL MICROBIOLOGY, ADULT AND GERIATRIC PSYCHOLOGY, APPLIED DENTAL MATERIALS**

Monday, April 04, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Write long essays on:**

1. Discuss oral musculature and their importance in successful complete denture.

(20 marks)

2. Critically evaluate different luting agent.

(20 marks)

✍ **Write short notes on:**

3A. Recent advances in impression material

3B. Importance of oral health needs in a population

3C. Cross infection control in prosthodontic laboratory

3D. Biocompatibility of material used in prosthodontics

3E. Titanium

(7×5 = 35 marks)



Reg. No.

## MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER II – REMOVABLE PROSTHODONTICS AND IMPLANT SUPPORTED PROSTHESIS  
(IMPLANTOLOGY) GERIATRIC DENTISTRY AND CRANIO FACIAL PROSTHODONTICS

Tuesday, April 05, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

✍ Illustrate your answers with diagrams, flow charts wherever appropriate.

✍ Write long essays on:

1. Define balanced occlusion and balanced articulation. Discuss its role in complete denture.  
(20 marks)
2. What are the biomechanical factors which govern the design of extra coronal retainers in removable partial dentures?  
(20 marks)

✍ Write short notes on:

- 3A. Microscopic anatomy of denture bearing area in edentulous patients
- 3B. Periodontal consideration in removable partial denture
- 3C. Centric relation
- 3D. Selective grinding
- 3E. Immediate dentures

(7×5 = 35 marks)



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## MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER III – FIXED PROSTHODONTICS, OCCLUSION, TMJ AND ESTHETICS

Wednesday, April 06, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Write long essays on:**

1. Give an account on differential diagnosis and prosthodontic management of T.M.J pain.

(20 marks)

2. Discuss the role of abutment selection in successful fixed prosthodontic therapy.

(20 marks)

✍ **Write short notes on:**

3A. Cementation failure of fixed prosthodontics

3B. Diagnostic tool in fixed partial denture treatment

3C. Die systems

3D. Pontics

3E. Biological consideration for osseointegration

(7×5 = 35 marks)



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## MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER IV: ESSAY

Thursday, April 07, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Illustrate your answer with diagrams, flow charts wherever appropriate.

✍ Write an Essay on:

Implant supported complete denture

OR

Failures in metal ceramic restoration

