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# MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2010

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 05, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

✍ **Write Long Essay on:**

1. Describe Temporomandibular joint and discuss the importance of mandibular movement in prosthodontics treatment.

(20 marks)

2. Discuss the role of diet and nutrition in complete denture wearers.

(20 marks)

✍ **Write Short Notes On:**

3A. Statistical methods used for comparing two dental materials.

3B. Age changes of the mandible and its importance in complete denture prosthodontics.

3C. Casting alloys used in FPD.

3D. Psychological evaluation of prosthodontics patients.

3E. All ceramics.

(7×5 = 35 marks)



**MANIPAL UNIVERSITY****MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2010****SUBJECT: PAPER II – REMOVABLE PROSTHODONTICS AND IMPLANT SUPPORTED PROSTHESIS  
(IMPLANTOLOGY) GERIATRIC DENTISTRY AND CRANIO FACIAL PROSTHODONTICS**

Tuesday, April 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

✍ **Write Long Essay on:**

1. Discuss the role of implant supported prosthesis in treating edentulous patients.

(20 marks)

2. Discuss the role of stress distribution, stress equaliation and stress breaking in the success of removable partial denture design.

(20 marks)

✍ **Write Short Notes On:**

3A. Retention factor in maxillofacial prosthesis.

3B. Methods of recording centric relation.

3C. Principles of removable partial denture design.

3D. Management of cleft palate.

3E. Balanced occlusion Vs Non balanced occlusion.

(7×5 = 35 marks)



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## MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2010

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

Wednesday, April 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL the questions.**

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

✍ **Write Long Essay on:**

1. Discuss loading of dental implants.

(20 marks)

2. Discuss current status of luting cements in fixed Prosthodontics.

(20 marks)

✍ **Write Short Notes On:**

3A. Concepts of occlusion in fixed denture prosthesis.

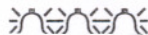
3B. Laminates.

3C. Shade selection in fixed partial denture.

3D. Importance of periodontal health in fixed Prosthodontics.

3E. Materials and technique used in gingival displacement.

(7×5 = 35 marks)



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# MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER IV: ESSAY

Thursday, April 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Write an Essay on:

Osseointegration.

OR

Prosthetic management of temporomandibular pain dysfunction syndrome

