

MANIPAL UNIVERSITY**MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION - JUNE 2016****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, June 06, 2016

Time: 14:00 - 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

✍ **Draw diagrams and flow charts wherever appropriate.**

✍ **Long Essays:**

1. Discuss the role of nutrition in the management of geriatric prosthodontic patients.

(20 marks)

2. Describe Temporomandibular joint and discuss the importance of mandibular movement in prosthodontic rehabilitation.

(20 marks)

3. **Write short notes on:**

3A. Castable ceramics

3B. Statistical methods used for comparing two dental materials

3C. Biocompatibility of materials used in prosthodontics

3D. Wound healing

3E. Functions of saliva

(7 marks × 5 = 35 marks)



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MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – JUNE 2016

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

Tuesday, June 07, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

✍ **Draw diagrams and flow charts wherever appropriate.**

✍ **Long Essays:**

1. Biomechanics in removable partial dentures

(20 marks)

2. Concepts of overdentures

(20 marks)

3. **Write short notes on:**

3A. Immediate loading of implants

3B. Management of hemi-mandibulectomy patient

3C. Block out techniques and methods

3D. Extraoral tracings and its significance

3E. Dentogenic concept

(7 marks × 5 = 35 marks)



MANIPAL UNIVERSITY**MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION - JUNE 2016****SUBJECT: PAPER III – FIXED PROSTHODONTICS, OCCLUSION, TMJ AND ESTHETICS**

Wednesday, June 08, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

✍ **Draw diagrams and flow charts wherever appropriate.**

✍ **Long Essays:**

1. Define and discuss pontics in detail.

(20 marks)

2. Mechanics of mandibular border movements.

(20 marks)

3. **Write short notes on:**

3A. Materials used for interocclusal records in fixed prosthodontics.

3B. Define and discuss the reasons for implant failure

3C. Connectors in fixed partial prosthetics

3D. Abutment selection for fixed partial dentures

3E. Clinically significant factors in dowel design.

(7 marks × 5 = 35 marks)



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MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – JUNE 2016

SUBJECT: PAPER IV: ESSAY

Thursday, June 09, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Draw diagrams and flow charts wherever appropriate.**

✍ **Long Essay:**

1. Occlusion in Prosthodontics

OR

2. Review best known implant systems

(75 marks)

