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MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION - JUNE 2017

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 05, 2017

Time: 14:00 - 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL questions.

✍ Draw diagrams and flow charts wherever appropriate.

✍ Long Essays:

1. What are constituent of saliva? Explain the function of saliva and role of saliva in denture retention.

(20 marks)

2. Discuss elastomeric impression materials with recent advances.

(20 marks)

3. Write short notes on:

3A. Paranasal sinuses

3B. Infection control

3C. Importance of patient education in prosthodontics

3D. Importance of Balanced diet in complete denture patients

3E. Tissue response to alloys used in prosthodontics

(7 marks × 5 = 35 marks)



MANIPAL UNIVERSITY**MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – JUNE 2017****SUBJECT: PAPER II – REMOVABLE PROSTHODONTICS AND IMPLANT SUPPORTED PROSTHESIS
(IMPLANTOLOGY) GERIATRIC DENTISTRY AND CRANIO FACIAL PROSTHODONTICS**

Tuesday, June 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

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

✍ **Long Essays:**

1. Describe in detail the concepts of occlusion in complete denture.

(20 marks)

2. Diagnostic and design consideration for an implant support fixed prosthesis for an completely edentulous patients.

(20 marks)

3. **Write short notes on:**

3A. Auricular prosthesis

3B. Design a RPD for long span Kennedys Class IV edentulous situation

3C. Imaging in implantology

3D. Beading in cast partial denture

3E. Recent developments in denture base materials

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – JUNE 2017

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

Wednesday, June 07, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ **Answer ALL questions.**

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

✍ **Long Essays:**

1. Restoration of endodontically treated tooth.

(20 marks)

2. Discuss precision attachments in fixed prosthodontics.

(20 marks)

3. **Write short notes on:**

3A. Gingival retraction techniques

3B. Implants in maxillofacial defects

3C. Die systems in fixed prosthodontics

3D. Biologic considerations for osseointegration

3E. Provisional restorations in fixed prosthodontics

(7 marks × 5 = 35 marks)



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MANIPAL UNIVERSITY

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION - JUNE 2017

SUBJECT: PAPER IV: ESSAY

Thursday, June 08, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Draw diagrams and flow charts wherever appropriate.

✍ Long Essay:

1. Prosthodontic management of Temporomandibular pain dysfunction syndrome.

OR

2. Balanced occlusion in complete dentures.

(75 marks)

