

MANIPAL ACADEMY OF HIGHER EDUCATION**MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – MAY 2019****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**

Friday, May 03, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ **Answer ALL questions.**
- ✍ **Draw diagrams and flow charts wherever appropriate.**

✍ **Long Essays:**

1. Role of calcium in elderly patients. (20 marks)

2. Discuss in detail about waste disposal in prosthodontics. (20 marks)

3. **Write short notes on:**
 - 3A. Oral changes due to aging
 - 3B. Pain
 - 3C. Development of face
 - 3D. Muscles of mastication
 - 3E. Tissue conditioners(7 marks × 5 = 35 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION - MAY 2019****SUBJECT: PAPER II - REMOVABLE PROSTHODONTICS AND IMPLANT SUPPORTED PROSTHESIS
(IMPLANTOLOGY) GERIATRIC DENTISTRY AND CRANIO FACIAL PROSTHODONTICS**

Saturday, May 04, 2019

Time: 14:00 - 17:00 Hrs.

Max. Marks: 75

- ✍ Answer ALL questions.
✍ Draw diagrams and flow charts wherever appropriate.

✍ Long Essays:

1. Concepts of overdentures.

(20 marks)

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

(20 marks)

3. Write short essays on:

3A. Techniques to record posterior palatal seal area.

3B. Discuss retention in maxillofacial prosthesis.

3C. Prosthodontic considerations of pre-prosthetic surgery.

3D. Selection criteria for maxillary major connectors for different Kennedy's classification.

3E. Immediate loading of implants.

(7 marks × 5 = 35 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – MAY 2019
SUBJECT: PAPER III – FIXED PROSTHODONTICS, OCCLUSION, TMJ AND ESTHETICS

Monday, May 06, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ **Answer ALL questions.**
- ✍ **Draw diagrams and flow charts wherever appropriate.**

✍ **Long Essays:**

1. Shade selection in fixed prosthodontics. (20 marks)

2. Biomechanics in fixed partial denture design. (20 marks)

3. **Write short essays on:**
 - 3A. Finishing and polishing of a cast metal restoration.
 - 3B. Cements in fixed prosthesis.
 - 3C. Techniques in fabrication of wax pattern.
 - 3D. TMJ disorder
 - 3E. Zirconia(7 marks × 5 = 35 marks)



Reg. No.									
----------	--	--	--	--	--	--	--	--	--

MANIPAL ACADEMY OF HIGHER EDUCATION
MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – MAY 2019
SUBJECT: PAPER IV: ESSAY

Tuesday, May 07, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ Answer ANY ONE of the following.
- ✍ Draw diagrams and flow charts wherever appropriate.

- ✍ Long Essay:

1. Failures in metal ceramic restorations.

OR

2. Osseointegration.

(75 marks)

