

MANIPAL ACADEMY OF HIGHER EDUCATION**MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – JUNE 2018****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 04, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Long Essays:

1. Discuss Edentulous state physiology. (20 marks)
2. Elaborate on the various Luting cements used in Prosthodontics. (20 marks)
3. **Write Short notes on:**
 - 3A. Development of tongue and its role in Prosthodontics
 - 3B. Speech considerations in Prosthodontics
 - 3C. Recent advances in Elastomeric Impression materials
 - 3D. Neutral zone in complete dentures
 - 3E. Tissue response to materials used in Dentistry

(7 marks × 5 = 35 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – JUNE 2018

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

Tuesday, June 05, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL questions.

✍ Draw diagrams and flow charts wherever appropriate.

✍ Long Essays:

1. Theories and concepts of impression making in CD.

(20 marks)

2. Principles involved in designing cast partial dentures.

(20 marks)

3. Write short note on:

3A. Prosthodontic considerations of pre-prosthetic surgery

3B. Swing lock dentures

3C. Principles of screw retained and cement retained fixed implant prosthodontics

3D. Obturators

3E. Location of terminal hinge axis

(7 marks × 5 = 35 marks)



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MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – JUNE 2018

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

Wednesday, June 06, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Long Essays:

1. Criteria for selection of abutments for fixed prosthesis. (20 marks)

2. Diagnosis and treatment planning in implants. (20 marks)

3. Write short notes on:

- 3A. Occlusal equilibration
- 3B. Metal ceramic bonding
- 3C. Non rigid connectors
- 3D. Bone quality and quantity
- 3E. Zirconia in FPD

(7 marks × 5 = 35 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION - JUNE 2018

SUBJECT: PAPER IV: ESSAY

Thursday, June 07, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

☞ Draw diagrams and flow charts wherever appropriate.

☞ Long Essay:

1. Residual ridge resorption.

OR

2. Implant supported complete denture.

(75 Marks)

