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## MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – JUNE/JULY 2020

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 29, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Long Essays:

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

(20 marks)

2. Investment materials and its applications in dentistry.

(20 marks)

3. Write short notes on:

- 3A. Prosthodontic management of gagging  
3B. Psychological evaluation of Prosthodontics patients  
3C. Luting cements  
3D. Role of calcium in geriatric nutrition  
3E. Candida albicans and its role in complete denture patients

(7 marks × 5 = 35 marks)



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## MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION - JUNE/JULY 2020

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

Tuesday, June 30, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Long Essays:

1. Discuss mouth preparation in removable partial denture.

(20 marks)

2. Enumerate and explain in detail about the materials used in maxillofacial prosthodontics.

(20 marks)

3. Write short notes on:

3A. Stress breakers

3B. Management of stresses induced by removable partial denture in Kennedy Class 1 situation.

3C. Survey lines and its significance

3D. Esthetics in complete dentures

3E. Face Bow

(7 marks × 5 = 35 marks)



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## MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION - JUNE/JULY 2020

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

Thursday, July 02, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

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

✍ Long Essays:

1. Retainers in fixed dental prosthesis. (20 marks)

2. Give a descriptive evolution of various types of radicular posts. (20 marks)

3. Write short notes on:

- 3A. Anterior positioning device
- 3B. Finish lines
- 3C. Glass ionomer cements as luting agents
- 3D. Discuss principles of retention in fixed partial denture
- 3E. Concepts of occlusion in fixed prosthodontics

(7 marks × 5 = 35 marks)



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## MANIPAL ACADEMY OF HIGHER EDUCATION

MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION - JUNE/JULY 2020

SUBJECT: PAPER IV: ESSAY

Friday, July 03, 2020

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. Role of speech in various treatment modalities in prosthodontics.

OR

2. Role of retention in prosthodontic rehabilitation.

