

**MANIPAL UNIVERSITY****MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2014****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, April 07, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer ALL the questions.

✍ Illustrate your answers with appropriate diagrams and flow charts wherever appropriate.

✍ Long Essays.

1. Discuss psychological considerations for a patient undergoing prosthodontic treatment. (20 marks)

2. Discuss the role of vitamins in maintaining oral health. (20 marks)

3. Write short notes on:

3A. The recent developments in various cementing agents used in prosthodontics

3B. The nutritional importance in completely edentulous patients

3C. The age changes of the mandible and its importance in complete denture prosthodontics

3D. Disinfection and sterilization

3E. The scope and limitation of porcelain fused to metal restoration

(7×5 = 35 marks)



**MANIPAL UNIVERSITY****MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER II – REMOVABLE PROSTHODONTICS AND IMPLANT SUPPORTED PROSTHESIS  
(IMPLANTOLOGY) GERIATRIC DENTISTRY AND CRANIO FACIAL PROSTHODONTICS**

Tuesday, April 08, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer **ALL** the questions.

✍ Illustrate your answers with appropriate diagrams and flow charts wherever appropriate.

✍ Long Essays.

1. Discuss the concept of hinge axis as related to prosthodontics.

(20 marks)

2. Discuss the procedure of examination, diagnostics and treatment planning in partially edentulous patients.

(20 marks)

3. Write short notes on:

3A. Impression technique for the fabrication of maxillary obturator

3B. Fabrication of eye prosthesis

3C. Anterior reference points in facebow transfer

3D. Mandibular major connector

3E. The guidelines for the arrangement of anterior teeth for complete denture

(7×5 = 35 marks)



**MANIPAL UNIVERSITY**

**MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2014**  
**SUBJECT: PAPER III – FIXED PROSTHODONTICS, OCCLUSION, TMJ AND ESTHETICS**

Wednesday, April 09, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

✍ Answer all the questions.

✍ Illustrate your answers with appropriate diagrams and flow charts wherever appropriate.

✍ Long Essays.

1. Discuss the difference between retention and resistance form. What are the means to enhance retention, resistance form of tooth preparation?

(20 marks)

2. Outline and discuss I classification of pontics. What are the respective advantages, disadvantages, indications and contraindications?

(20 marks)

3. Write short notes on:

3A. Conservation of tooth structure during tooth preparation

3B. The indications and contraindications for implant supported fixed dental prostheses

3C. Common clinical problems encountered if a pontic is improperly shaped or fabricated

3D. Factors influencing color perception

3E. Advantages and disadvantages, indications and contraindications of all ceramic crowns

(7×5 = 35 marks)



**MANIPAL UNIVERSITY****MDS (PROSTHODONTICS AND CROWN & BRIDGE) DEGREE EXAMINATION – APRIL 2014****SUBJECT: PAPER IV: ESSAY**

Thursday, April 10, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 75

- ✍ Illustrate your answers with appropriate diagrams and flow charts wherever appropriate.
- ✍ Write an essay on any one of the following:
- ✍ Long Essay.

Discuss in detail about full mouth rehabilitation.

**OR**

Recent advances in techniques involved in reconstruction of maxillofacial defects.

