



मध्य प्रदेश आयुर्वेदिक विश्वविद्यालय, जबलपुर

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Scheme and Marks for Theory and Practical MDS Examination for Prosthodontics and Crown & Bridge

UNIVERSITY EXAMINATION

The university examination shall consist of theory, practical, clinical examination, viva voce, and Pedagogy.

THEORY:

Part I: Shall consist of 1 theory paper

There shall be a theory examination in the Basic Sciences at the end of 1st year of the course. The question papers shall be set and evaluated by the concerned Department/Specialty. The candidates shall have to secure a minimum of 50% in the Basic Sciences and shall have to pass the **Part-I** examination at least six months before the final (Part-II) examination.

Part II: Shall consist of three theory papers and

- (i) Practical and Clinical Examination;
- (ii) Viva-voce; and
- (iii) Pedagogy.

A candidate who wishes to study in a second speciality, shall have to undergo the full course of three years duration in that speciality.

CLINICAL/PRACTICAL EXAMINATION

The clinical/practical examination is designed to test the candidate's clinical skills, performance, and competence in areas such as communication, clinical examination, medical/dental procedures, prescription, exercise prescription, latest techniques, evaluation, and interpretation of results, enabling them to undertake independent work as a specialist. The affiliating university shall ensure that the candidate has been given ample opportunity to perform various clinical procedures.

VIVA-VOCE EXAMINATION:

A viva voce examination aims to assess the depth of knowledge, logical reasoning, confidence, and communication skills of the students.

SCHEME OF EXAMINATION:

Theory:

(1)Part I: Basic Sciences Paper - **100 Marks**

(2)Part II: Paper-I, Paper-II & Paper-III - **300 Marks** (100 Marks for each Paper)

Written examination shall consist of Basic Sciences (Part-I) of three hours duration shall be conducted at the end of the First year of the MDS course. Part-II Examination shall be conducted at the end of the Third year of the MDS course. Part-II Examination shall consist of Paper-I, Paper-II and Paper-III, each of three hours duration.

SYLLABUS DISTRIBUTION IN VARIOUS SPECIALITIES:

Part I

Paper I: Applied Basic Sciences: Applied anatomy, embryology, growth and development, Genetics, Immunology, Anthropology, Physiology, Nutrition and Biochemistry, Pathology and Microbiology, Virology, Applied Pharmacology, Research Methodology and Biostatistics, Applied Dental Anatomy and Histology, Oral Pathology & Oral Microbiology, Adult and Geriatric Psychology and Applied Dental Materials.

Part II

Paper I: Removable Prosthodontics and Implant-supported prosthesis (Implantology), Geriatric dentistry and Craniofacial Prosthodontics

Paper II: Fixed Prosthodontics, occlusion, TMJ and esthetics.

Paper III: Descriptive and analysing type questions

**The topics assigned to the different papers are generally evaluated under those sections. However, a strict division of the subject may not be possible and some overlapping of topics is inevitable. Students should be prepared to answer overlapping topics.*

DISTRIBUTION OF MARKS

A. Theory:

Total = 400 Marks

(1) Part I University Examination (100 Marks) :-

There shall be 10 questions of 10 marks each = 100 Marks

(2) Part II (3 papers of 100 Marks Each) :-

(i) **Paper I:** 2 long essay questions of 25 marks each and 5 short essays of 10 marks each. = 100 Marks

(ii) **Paper II:** 2 long essay questions of 25 marks each and 5 short essays of 10 marks each. = 100 Marks

(iii) **Paper III:** 2 out of 3 essay questions (50 x 2) = 100 Marks

B. Practical / Clinical Examination

Total = 200 Marks

Examination shall be for three days. If there are more than 6 candidates, it may be extended for one more day. Each candidate shall be examined for a minimum of three days, with six hours of examination per day, including a viva voce session.

1. Presentation of treated patients & records during their 3-year training period (35 Marks)

- a. C.D = 1 mark
- b. R.P.D = 2 marks
- c. F.P.D., including single tooth and surface restoration = 2 marks
- d. I.S.P. = 5 marks
- e. Occlusal rehabilitation = 5 marks
- f. T.M.J. = 5 marks
- g. Maxillofacial Prosthesis = 5 marks
- h. Pre Clinic Exercises = 10 marks

2. Presentation of Clinical Exam CD patient's prosthesis, including insertion (75 Marks)

- a. Discussion on treatment plan and patient review = 10 marks
- b. Tentative jaw relation records = 05 marks
- c. Face Bow - transfer = 05 marks
- d. Transferring it on articulators = 05 marks
- e. Extra oral tracing and securing centric and protrusive/lateral record = 15 marks
- f. Transferring records on articulator and programming = 05 marks
- g. Selection of teeth = 05 marks
- h. Arrangement of teeth = 10 marks

- i. Waxed-up denture trial = 10 marks
- j. Check of Fit, insertion and instruction of previously processed characterised, anatomic complete denture Prosthesis = 05 marks

All steps will include chairside, lab and viva-voce

3. Fixed Partial Denture = 35 marks

- a. Case discussion including treatment planning and selection of patient for F.P.D. = 05 marks
- b. Abutment preparation isolation and fluid control = 15 marks
- c. Gingival retraction and impressions (conventional/ CAD CAM impressions) = 10 marks
- d. Cementation of provisional restoration = 05 marks

4. Removable Partial Denture = 25 Marks

- a. Surveying and designing of partial dentate cast = 05 marks
- b. Discussion on components and material selection, including occlusal schemes = 10 marks

5. Implant supported prosthesis (2nd stage- protocol) = 30 marks

- a. Case discussion including treatment planning and selection of patient for ISP = 10 marks
- b. II stage preparation, Abutment selection, placement and evaluation = 10 marks
- c. Implant impression and making of cast = 10 marks

C. Viva-voce Total = 100 Marks

i. Viva-Voce examination: = 80 marks

All examiners will conduct viva-voce conjointly on the candidate's comprehension, analytical approach, expression, interpretation of data and communication skills. It includes all components of the course content. It consists of a presentation and discussion of the dissertation as well.

ii. Pedagogy Exercise: = 20 marks

A topic is given to each candidate at the beginning of the clinical examination. He/she is asked to make a presentation on the topic for 8-10 minutes.