



मध्य प्रदेश आयुर्वेदिक विश्वविद्यालय, जबलपुर

M.P. Medical Sciences University, Jabalpur

Address: Near Medical College, Bhedaghat Road, NH-12 Jabalpur (MP)
482003

Contact: 0761-2670332, 2670334, 2670338, 2670340

E-mail:-ecmpmsu@mp.gov.in



Scheme and Marks for Theory and Practical MDS Examination for Orthodontics and Dentofacial Orthopedics

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, Physiology, Dental Materials, Genetics, Physical Anthropology, Pathology, Biostatistics, Applied Research Methodology for Orthodontics and Applied Pharmacology.

Part II

Paper I: Basic Orthodontics

Paper II: Clinical Orthodontics

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**

The duration of the Clinical and Viva Voce examination will be 2 days for a batch of four students. If the number of candidates exceeds 4, the programme can be extended to the 3rd day.

Exercise No: 1**= 50 Marks****Functional Case:**

Selection of a case for a functional appliance and recording of the construction bite.
Fabrication and delivery of the appliance the next day.

Exercise No: 2**= 50 Marks**

1. III stage with auxiliary springs/Wire bending of any stage of fixed orthodontics
(OR)
2. Bonding of SWA brackets and construction of suitable arch wire.

Exercise No: 3**= 75 Marks**

Display of records of the treated cases (Minimum of 5 cases)

Exercise No: 4**= 25 Marks**

Long case discussions

Time allotted for each exercise:

| | |
|---|---------------------|
| Exercise No 1: Functional appliance | = 1 hour (each day) |
| Exercise No 2: III stage mechanics / Bonding and arch wire fabrication | = 1 hour 30 minutes |
| Exercise No 3: Display of case records (a minimum of 5 cases to be presented along with all the patients and records) | = 1 hour |
| Exercise No 4: Long cases | = 2 hours |

Note: The complete records of all the cases should be displayed (including transferred cases)

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.