



MNR DENTAL COLLEGE AND HOSPITAL
SANGAREDDY

EXAMINATION REFORMS

4. Pre-Clinical Conservative – Only Practical **EXAMINATIONS**

I BDS Examination: Total: 600 Marks

1. General Anatomy including embryology and Histology
2. General Human physiology & Biochemistry
3. Dental Anatomy, Embryology and Oral Histology

II BDS Examination: Total: 800 Marks

1. General pathology and Microbiology
2. General and dental pharmacology and therapeutics
3. Dental Materials
4. Viva Voce
5. Pre-Clinical Prosthodontics – Only Practical and Viva Voce

III BDS Examination:

Total : 600 Marks

1. General Medicine

2. General Surgery

3. Oral Pathology and Oral Microbiology

IV BDS Examination:

Total : 1600 Marks

1. Oral Medicine and radiology

2. Pediatric & Preventive Dentistry

3. Orthodontics & dentofacial orthopedics

4. Periodontology

5. Prosthodontics and Crown & Bridge

6. Conservative Dentistry and Endodontics

7. Oral and Maxillofacial Surgery

8. Public Health Dentistry

Marks Distribution in Each Subject:

Each subject shall have a maximum of 200 marks:

Theory - 100

Practical / Clinical – 100

Theory – 100

University written exam	70
-------------------------	----

Viva-Voce	20
Internal assessment	10
Total	100

Practical's / Clinical – 100

University Exam	90
Internal Assessment	10
Total	100

Each question paper shall be of 3 hours duration, carrying maximum marks of 70. There shall be three types of questions with distribution of marks as follows:

Type of Questions	No. of Questions	Marks per question	Total marks
Long Essay Type	2	9	18
Short Essay Type	8	4	32
Short Answer Type	10	2	20
		total	70

Scheme of Examination:

The scheme of examination for B.D.S Course shall be divided into 1st B.D.S. examination at the end of the first academic year, 2nd B.D.S examination at the end of the second year, 3rd B.D.S examination at the end of third, 4th B.D.S at the end of the 4th year. The examination shall be open to a candidate who satisfies the requirements of attendance progress and other rules lay down by the university.

SCHEME OF EXAMINATION FOR POSTGRADUATE

Eligibility: The following requirements shall be fulfilled by every candidate to be eligible to appear for the final examination.

- i) **Attendance:** Every candidate shall have fulfilled the attendance prescribed by the University during each academic year of the postgraduate course.
- ii) **Progress and conduct:** Every candidate shall have participated in seminars, review meetings, symposia, conferences, case presentations, clinics and didactic during each year as designed by the concerned department
- iii) **Work diary and Logbook:** Every candidate shall maintain a work diary and logbook for recording his/her participation in the training programmes conducted by the department. The work diary and logbook shall be verified and certified by the Head of the Department and Head of the institution. (Please see Section IV for Model Checklist and Logbook)

The certification of satisfactory progress by the head of the department and head of the institution shall be based on (i), (ii) and (iii) mentioned above. Schedule of Examination: The examination for M.D.S. courses shall be held at the end of three academic years (six academic terms). The university shall conduct two examinations in a year at an interval of four to six

months between the two examinations. Not more than two examinations shall be conducted in an academic year.

University Examination

M.D.S. Degree examinations in any branch of study shall consist of dissertation, written paper (Theory), Practical/Clinical and Viva voce.

(a) Dissertation:

Acceptance of dissertation shall be a precondition for the candidate to appear for the final examination.

(b) Written Examination (Theory) (Total 400 marks)

Part-I: Shall consist of one paper

There shall be a theory examination in Basic Sciences at the end of first year of course. The question paper shall be set and evaluated by the concerned Department/Speciality. The candidate shall have to secure a minimum of 50% in Basic Sciences and shall have to pass the Part-I examination at least six months prior to the final (Part-II) examination.

Part-II: Shall consist of three theory papers at the end of third year

Distribution of marks:

1) Part-I University Examination (1 paper of 100marks)

There shall be 10 questions of 10 marks each (100 marks)

2) Part-II University Examination (3 papers of 100 marks each = 300 marks)

(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: any 2 out of 3 essay questions to be answered (2 X 50 marks = 100 marks)

All the papers of both Part-I and Part-II University examinations are of three-hour duration.

Distribution of topics in each paper is shown in Section III along with course description of the concerned specialty, and as clause 14 in this section. Topics assigned to 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. Questions on recent advances may be asked in any or all the papers.

(c) Practical / Clinical Examination: 200 marks

In case of practical examination, it should be aimed at assessing competence and skills of techniques and procedures. It should also aim at testing student's ability to make relevant and valid observations, interpretation and inference of laboratory or experimental or clinical work relating to his/her subject for undertaking independent work as a specialist. The duration of Clinical and Viva-Voce examination will be 2 days for a batch of six students. If the number of candidates exceeds 6, the programme can be extended to 3rd day.

The actual format of clinical examination in various specialties are given in Section III. The total marks for practical / clinical examination shall be 200.

(d) Viva Voce: 100 marks

Viva-Voce examination shall aim at assessing depth of knowledge, logical reasoning, confidence and oral communication skills. The total marks shall be 100 and the distribution of marks shall be as under:

- (i) For examination of all components of syllabus 80 Marks
- (ii) For (Pedagogy) demonstration of teaching skills 20 Marks

Internal Assessment of Examination:

The internal assessment examinations may be held frequently at least 3 times in a given academic year and the average marks of these examinations to be considered. Ten percent of the total marks in each subject separately for theory and practical / clinical examination separately should be set aside for the internal assessment examinations.

Theory Examination:

I. The written examination in each subject shall consist of one paper of three hours duration and shall have maximum of 70 marks.

II. In the subjects of Physiology & Biochemistry and Pathology & Microbiology each paper will be divided into two parts, A and B of equal marks

III. The question paper should contain different types of questions such as essay, short answer and very short answer type.

IV. The nature of questions set, should be aimed to evaluate students of different standards ranging from average to excellent.

V. The questions should cover as broad an area of the content of the course. The essay question should be properly structured and marks specifically allotted.

Practical & Clinical Examination:

(a). Records / Log Books :

The candidate should be given credit for his records based on the work done.

(b). Scheme of clinical and practical examinations:

The specific scheme of clinical and practical examinations, the type of clinical procedures/ experiments to be performed and marks allotted for each are to be discussed and finalized by the Chairman and other examiners and it is to be published prior to the conduct of the examinations along with the publication of the time table for the practical examinations. This scheme should be brought to the notice of the external examiner as and when the examiner reports. The practical and clinical examinations should be evaluated by two examiners of which one shall be an external examiner appointed from other universities preferably outside the state. Each candidate should be evaluated by each examiner independently and marks computed at the end of the examination

(c) Viva-Voce :

Viva-Voce is an excellent mode of assessment because it permits a fairly broad coverage and it can assess the problem solving capacity of the student. An assessment related to the affective domain is also possible through viva-voce. It is desirable to conduct the viva-voce independently by each examiner. In order to avoid vagueness and to maintain uniformity of standard and coverage, questions can be pre-formulated before administering them to each student. Twenty

marks are exclusively allotted for viva-voce and that can be divided equally amongst the examiners, i.e., 10 marks per examiner.

In the exam hall students are supervised by four or five faculty members and at the same time they are also monitored by the exam superintendent through CCTV (closed circuit cameras) and mobile jammers are installed to prevent malpractice through electronic devices. After internal assessments board meeting as well as parent teacher meetings are held to evaluate the performance and progress of each student.

The procedure followed during the examination in COVID - 19:

Preparation before Exam:

1. All the examiners and examinees attending for the exam along with the examination conduct team should be assessed for clinical symptoms and signs related to COVID.
2. In the presence of mild symptoms- Can continue in the team with proper IPC precautions
3. If the symptoms are aerosol generating like cough or if the symptoms are severe they should be exempted from the team.
4. If the person is an examinee - a provision for online participation can be made
5. If person is an examiner - a replacement should be sought or a provision for online participation can be made
6. An online meeting should be arranged among the examiners to discuss and explain the new pattern of conduct of the exam and the necessary precautions to be taken during the exam.
7. The examinees should also be explained about the ICP taken during the exam and the

conduct of the exam on online meeting separately.

8. A mock exam may be conducted online to familiarize the pattern of exam for the examinees
9. An arrangement should be made for parking and the route to the examination hall with least exposure to patients should be selected
10. At least one day before the practical exam, the examiners should be informed about the arrangements made and if possible arrange a virtual tour. Five laptops (one reserve) should be available -four for examiners and one for examinee.
11. Preferable to link them together and have single operator Virtual cases should be prepared on word or PPT for long cases, short cases (at least 25% in excess of what is required). All items for table viva should be made into PPT slides.
12. The necessary data for long cases, short cases and viva sessions should be loaded on to respective laptops of the examiners and examinee.
 - The soft copies should be sent to the examiner for familiarity and acceptance.
 - If the examiner or the student is not adept with computers a helper should be provided.
 - Confidentiality forms should be signed by all examiners and sent to the dean. Access of these files to the examinees should be prevented and persons responsible would be considered punishable.

ARRANGEMENTS IN THE HALL

Entry to examination hall restricted to examination team only

- A minimum three
rooms
- Arranged Examination

Hall

- Student Waiting Hall

Resting Hall

The examination hall:

Purpose

The viva examination should be conducted here.

Size (desirable) - a single 30*30 square feet

room

The pre-requisites are as follows-

- Four set of Chairs and tables with distance of 2m between each set. Each table should have one laptop, sanitizer, dustbin, visors, extra N95 mask, paper gloves, necessary papers and pens.
- A chair for helper if requested by examiner or examiner for computer assistance
- The examinee should be seated on the opposite side of the examiner at a distance of 3m with a laptop allotted to him/her with the necessary exam folders loaded on to the desktop. Each examinee should be provided with sanitizer, extra N95 mask, gloves, visors, necessary papers and pen.
- Every seat should have a dust bin available next to for disposing paper gloves napkins and other waste. Every bin should have double bag for safe disposal
- A barrier (transparent plastic sheet) should be placed between the examiners and the examinees, that should be changed for each examinee
- The hall should be sanitized after each examinee leaves the examination hall with hypochlorite solution and 10 min should be allowed for sanitization.

The resting hall:

Purpose

1. For the examiners to rest while the examination hall is being sanitized thoroughly for about 15min.
2. Examiners can have lunch here
3. Social distancing , mask etiquette and hand hygiene should be maintained at all times

Student hall :

Purpose

In this area the examinee in the order to take the practical exam will made to wait A maximum of three students should be called into the Student hall

1. Person going into examination hall
2. The person succeeding the candidate
3. One extra reserve candidate

Entry into this hall shall be restricted to exam staff only

All the corridors and rooms should be sanitized a day before the exam

The examiners and the examinees should be made familiar with the set up through virtual tour and mock exam.

Wash rooms should be sanitized after every use with hypochlorite

Miscellaneous:

Hand sanitizers, sanitizer sprays, Hypochlorite sprayer and solution Disposable 100ml water bottles

Tea /

refreshmen

tsPaper

gloves

Paper napkins

Dust bins at each chair and each corner with appropriate waste disposal)

Lunch – packaged in disposable containers, to be eaten with spoon after adequate

handsanitization

(The examiners should be given a choice to get their own food)

On the day of exam:

Set up

All examiners should be seated in chairs arranged at 3 feet apart side by side.

The student should be seated opposite to the examiners at a distance of 6 feet.

One chair for timer person

One or more chairs for helpers as desired by the examinee or examiner

A plastic sheath of 6 feet height was used as a physical barrier in between student
and examiners.

The issues of audibility or visibility because of barriers placed, masks or visor if present
should be checked and addressed

The examiners should be escorted to park their vehicles in the designated parking zone.

They should wear a mask, shoe cover and paper gloves at parking and escorted to the
venue

Pattern of examination:

Two students should be called to the examination centre at a time while the other students was called for once the 1st student came out of the examination hall and the 2nd student should be asked to be available when called for.

Third student went inside the hall.

The examiners as well as students should be asked to use n95 mask, head cap, head gear and shoe cover during the examination.

An independent timer person should be seated in a corner and should also wear n95 mask, head cap, head gear and shoe cover

Maintenance of quality and confidentiality

- The student enters the examination hall first
- The examiner picks the long case and short cases provided in the folders of the computers and give the file numbers to the registrar of examination.

The print outs of these files will be placed in a plastic file and given to the examinee. The examinee should be given time to read and assimilate (20min). If the student needs additional time another 10 min may be provided.

The examiners enter the hall and take their seats.

The issues of audibility or visibility because of barriers placed, masks or visor if present should be addressed The pattern of examination

Virtual examination

No real patients should be brought to the examination hall.

5 laptops were arranged out of which 4 were for the examiners and 1 for the student. one reserve desirable)

Each student has to finish a long case, a short case and viva at one stretch over a period of 1 hour*. Viva voce for instruments and spotters prepared in the pattern suggested by the MCI and PowerPoint files prepared with slides numbered. The student should be asked to open the desired PPT file and slide number. Using laptops the images of the instruments, drugs, ABG, ECG, XRAY and other spotters for table viva like drugs, equipment should be displayed for the students and questions based on these should be asked. Timing should be maintained by an independent person. Helpers provided for operation of laptops if required.

At the conclusion of viva for each student The student should leave the venue after the examination.

The chairs laptops, tables, files and all the equipment used should be sanitized with sodium hypochlorite solution/ chloride based solution.

The examination room should be sprayed with hypo chlorite solution and closed for 15 minutes after every student.

During this time the examiners may be asked to wait in the waiting room. Tea and refreshments may be provided but social distance, mask etiquette should be followed at all times.

The same process was repeated after every student. At the conclusion of viva for the day

The tabulation of marks and results as per norms should be confidentially and with distancing, masks, and paper gloves.

The examiner is accompanied to parking. They should remove the shoe cover, gloves, hand sanitize, wear fresh pair of gloves and remove the N95 mask and discard with proper precaution.