

COLLEGE OF DENTAL SCIENCES, DAVANGERE

Reforms In The Process & Procedure In The Conduct Of Examination/ Evaluation According to University Guidelines: -

Revised Ordinance Governing
BACHELOR OF DENTAL SURGERY (BDS)
Degree Course 2011



**RAJIV GANDHI UNIVERSITY OF
HEALTH SCIENCES KARNATAKA**

4th 'T' Block, Jayanagar, Bangalore 560041

V. Titles of subjects of study

First Year

- I. General Human Anatomy including Embryology and Histology.
- ii. General Human Physiology and Biochemistry, Nutrition and Dietics.
- iii. Dental Anatomy, Embryology and Oral Histology.
- iv. Dental Materials.
- v. Preclinical Prosthodontics and Crown & Bridge.

Second Year

- I. General Pathology and Microbiology.
- ii. General and Dental Pharmacology and Therapeutics.
- iii. Dental Materials.
- iv. Preclinical Conservative Dentistry.
- v. Preclinical Prosthodontics and Crown & Bridge.
- vi. Oral Pathology & Oral Microbiology.

Third Year

- I. General Medicine.
- ii. General Surgery.
- iii. Oral Pathology and Oral Microbiology.
- iv. Conservative Dentistry & Endodontics.
- v. Oral & Maxillofacial Surgery.
- vi. Oral Medicine and Radiology
- vii. Orthodontics & Dentofacial Orthopaedics.
- viii. Paediatric & Preventive Dentistry.
- ix. Periodontology.
- x. Prosthodontics and Crown & Bridge.
- xi. Public Health Dentistry.

Final Year

- I. Orthodontics & Dentofacial Orthopaedics.
- ii. Oral Medicine and Radiology.
- iii. Paediatric & Preventive Dentistry.
- iv. Periodontology.
- v. Oral & Maxillofacial Surgery.
- vi. Prosthodontics and Crown and Bridge.
- vii. Conservative Dentistry & Endodontics.
- viii. Public Health Dentistry.

VII. Schedule of Examinations

The University shall conduct two examinations annually at an interval of not less than four to six months as notified by the University from time to time.

A candidate who satisfies the requirement of attendance, progress, and conduct as stipulated by the university shall be eligible to appear in the University examination. Certificate to the above effect should be produced from the Head of the Institution along with the application for examination and the prescribed fee.

VIII. Scheme of Examination

The scheme of examination of B.D.S. course shall be divided into 4 professional examinations, viz., I.B.D.S. Examination at the end of first academic year, II B.D.S. at the end of second academic year, III B.D.S. at the end of third academic year and Final year B.D.S. examination at the end of fourth academic year.

VIII. i. Internal Assessment

The internal assessment need not be limited to written tests. It should relate to other items such as maintenance of records, participation in seminars and group discussions, clinical case study, proficiency in carrying out practical or clinical skill or participation in projects and assignments (even) during vacation. These be evaluated objectively and recorded. The weightage given to internal assessment is 10% out of total marks assigned for a subject separately for theory and practical/clinical examinations.

A minimum of three internal assessments to be held in an academic year and the average of these tests shall be sent to the university.

VIII. ii. University Examination:

There shall be two examinations annually conducted at an interval of not less than four to six months. The written examination in each subject shall consist of one paper of three hours duration and shall have maximum of 70 marks.

X. Type of questions and distribution of marks:

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 shown in Table VII:

Table - VII

Type of Questions	No. of Questions	Marks of Questions	Total Marks
Long Essay Type	2	10	20
Short Essay Type	8	5	40
Short Answer Type	5	2	10
GRAND TOTAL			70

Note: In case of Physiology & Biochemistry and Pathology & Microbiology
The distribution of marks and types of questions will be as follows:

1. In the subject of General Human Physiology and Biochemistry, Section 'A' (Gen. Physiology) shall contain one Long essay type question carrying 10 marks and second question containing three short Essay type questions carrying five marks each, third question containing five Short Answer questions carrying two marks each. Section 'B' (Biochemistry) shall contain one Long essay type question of 10 marks and second question containing three short Essay type questions of five marks each, third question containing five Short Answer type questions carrying two marks each. As shown in Table-VIII.

2. In the subject of Gen. Pathology, Section 'A' (Gen. Pathology) shall contain one Long essay type question carrying 10 marks and second question shall contain three Short Essay type question carrying five marks each, third question containing five Short Answer questions of two marks each. Section 'B' (Microbiology) shall contain one Long essay type question carrying 10 marks and second question shall contain three Short essay type questions carrying five marks each, third question containing five short answer questions of two marks each. As shown in Table-IX.

Table - VIII

	Type of Questions	No. of Questions	Marks of Questions	Total Marks
Physiology	Long Essay Type	01	10	10
	Short Essay Type	03	05	15
	Short Answer Type	05	02	10
	GRAND TOTAL			35

	Type of Questions	No. of Questions	Marks of Questions	Total Marks
Biochemistry Nutrition and Dietics	Long Essay Type	01	10	10
	Short Essay Type	03	05	15
	Short Answer Type	05	02	10
	GRAND TOTAL			35

TABLE - IX

	Type of Questions	No. of Questions	Marks of Questions	Total Marks
Pathology	Long Essay Type	01	10	10
	Short Essay Type	03	05	15
	Short Answer Type	05	02	10
	GRAND TOTAL			35

	Type of Questions	No. of Questions	Marks of Questions	Total Marks
Microbiology	Long Essay Type	01	10	10
	Short Essay Type	03	05	15
	Short Answer Type	05	02	10
	GRAND TOTAL			35

XI. Distribution of Marks in University Examination and Internal Assessment for various subjects from First year to Fifth year is shown in Table X:

TABLE-X
Distribution of Marks in University Examination and Internal Assessment
for various subjects from First year to Fifth year :

Subjects	THEORY				PRACTICALS / CLINICALS			Grand Total
	Univer sity Paper	Viva voce	Internal Assess ment	Total	Univer sity exami nation	Internal Assess ment	Total	
I BDS 1. General Anatomy including Embryology and Histology	70	20	10	100	90	10	100	200
2 . Section- A General Human Physiology And Section- B Biochemistry Nutrition and Dietics	35	10	05	50	45	05	50	200
	35	10	05	50	45	05	50	
3. Dental Anatomy, Embryology and Oral Histology.	70	20	10	100	90	10	100	200

II BDS								
Section - A	35	10	05	50	45	05	50	200
1. General Pathology								
Section - B & Microbiology	35	10	05	50	45	05	50	
2. General and Dental Pharmacology and Therapeutics	70	20	10	100	90	10	100	200
3. Dental Materials	70	20	10	100	90	10	100	200
4. *Pre-clinical Conservative Dentistry	--	20		20	60	20	80	100
5. *Pre-clinical Prosthodontics * No theory paper, Practical/Viva voce only.	--	20		20	60	20	80	100
III BDS								
1. General Medicine	70	20	10	100	90	10	100	200
2. General Surgery	70	20	10	100	90	10	100	200
3. Oral Pathology and Oral Microbiology	70	20	10	100	90	10	100	200
IV BDS								
1. Oral Medicine and Radiology	70	20	10	100	90	10	100	200
2. Paediatric & preventive dentistry	70	20	10	100	90	10	100	200
3. Orthodontics & Dento-facial orthopaedics	70	20	10	100	90	10	100	200
4. Periodontology	70	20	10	100	90	10	100	200
5. Prosthodontics and Crown and Bridge	70	20	10	100	90	10	100	200
6. Conservative Dentistry and Endodontics	70	20	10	100	90	10	100	200
7. Oral and maxillofacial Surgery.	70	20	10	100	90	10	100	200
8. Public Health Dentistry	70	20	10	100	90	10	100	200

XII. Eligibility to appear in University examination:

A candidate who has failed in any one subject only in either I year B.D.S or II year B.D.S or III year BDS university examination shall be permitted to study in the next class provided that in order to avail the carry over facility such a candidate should fulfill the following requirements:

- a. student shall have not less than 75% of attendance in Theory and Practical separately in all the examination subjects prescribed for that year.
- b. should have appeared in all the examination subjects prescribed for that year in the University examination simultaneously.

A Candidate has to pass the carry over subject before being eligible to appear for higher B.D.S Examination.

XIII. Criteria for Pass in the University Examination:

1. For declaration of pass in a subject, a candidate shall secure 50% marks in the University examination both in Theory and Practical/Clinical examinations separately, as stipulated below :
 - a. For pass in Theory, a candidate shall secure 50% marks in aggregate in University theory examination i.e. marks obtained in University written examination, viva voce examination and internal assessment (theory) combined together i.e. fifty out of One hundred marks.
 - b. In the University Practical/clinical examination, a candidate shall secure 50% marks in aggregate i.e. Practical /Clinical and Internal Assessment combined together i.e. 50/100 marks.
 - c. In case of pre-clinical Prosthetic Dentistry and Pre-clinical Conservative Dentistry in II BDS, where there is no written examination, minimum for pass is 50% of marks in Practical and Viva voce combined together in University Examination including Internal Assessment i.e. 50/100 marks.
 - d. Successful candidates who obtain 65% of the total marks or more shall be declared to have passed the examination in First Class. Other successful candidates will be placed in Second Class. A candidate who obtains 75% and above is eligible for Distinction. Only those candidates who pass the whole examination in the first attempt will be eligible for distinction or class.

XIV. Field Programme in Community Dentistry:

As a part of community dentistry program, students in the Clinical years will have to attend the various dental camps/ field programmes as part fulfillment of requirements of BDS examination to the satisfaction of the head of the Institution.

REVISED RGUHS M.D.S. SYLLABUS
APPLICABLE TO MAY- 2018 ADMITTED MDS
STUDENTS AND ONWARDS

SECTION I REGULATIONS

- 1. Title of the Course:** It shall be called Master of Dental Surgery (MDS).

- 2. Branches of Study:** The following are the subjects of specialty for the MDS degree:
 - a. Prosthodontics and Crown & Bridge**
 - b. Periodontology**
 - c. Oral & Maxillofacial Surgery**
 - d. Conservative Dentistry and Endodontics**
 - e. Orthodontics & Dentofacial Orthopedics**
 - f. Oral & Maxillofacial Pathology & Oral Microbiology:**
 - g. Public Health Dentistry**
 - h. Pediatric Dentistry**
 - i. Oral Medicine & Radiology**

11. Scheme of Examination

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 put in minimum of 80% attendance in each academic year in order to be eligible for the university examination.
- 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:

M.D.S. Degree examinations in any branch of study shall consist of dissertation, written paper (Theory) Part I at the end of 1ST year and Part II at the end of 3 years including Practical/Clinical and Viva voce.

The Part – I examination for M.D.S. courses shall be held at the end of 1st year of the course and Part – II examination shall be held at the end of Three years. 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.

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

(i) Theory:

Part-I: Basic Sciences Paper shall consist of one paper of 100 marks

There shall be a theory examination in the Basic Sciences at the end of 1st year of course. The question papers shall be set and evaluated by the eligible examiners appointed by the university. 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 prior to the final (Part-II) examination.

Part-II: Paper-I, Paper-II & Paper III Shall consist of three papers of 300 marks (100 marks for each paper)

In addition

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

12. UNIVERSITY SCHEME OF EXAMINATION

M.D.S. Degree examinations in any branch of study shall consist of dissertation, written paper (Theory) Part I at the end of 1st year and Part II at the end of 3 years including Practical/Clinical and Viva voce.

Theory: Part-I: Basic Sciences Paper - **100 Marks**

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 First year of MDS course. Part-II Examination shall be conducted at the end of Third year of MDS course.

Part-I: Applied Basic Sciences as specified in the syllabus of each course

Part-II Examination shall consist of Paper-I, Paper-II and Paper-III, each of three hours duration.

Paper-I & Paper-II shall consist of two long answer questions carrying 25 marks each and five questions carrying 10 marks each.

Paper-III will be on Essays. In Paper-III three Questions will be given and student has to answer any two questions. Each question carries 50 marks. Questions on recent advances may be asked in any or all the papers. Distribution of topics for each paper will be as follows:

DISTRIBUTION OF MARKS:

Theory: (Total 400 Marks)

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

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

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

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

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

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

Practical and Clinical Examination : 200 Marks

Viva-voce and Pedagogy : 100 Marks

EXAMINERS:

Part I: There shall be one internal and one external examiner for evaluating the answer scripts of the same specialty.

Part II: There shall be four examiners in each subject. Out of them, two (50%) shall be external examiners and two (50%) shall be internal examiners. Both external examiners shall be from a university other than the affiliating university and one examiner shall be from a university of different State.

CRITERIA FOR PASS.

To pass the university examination, a candidate shall secure in both theory examination and in practical/clinical including viva voce independently with an aggregate of 50% of total marks allotted (50 out of 100 marks in Part I examination and 150 marks out of 300 in Part II examination in theory and 150 out of 300, clinical plus viva voce together). A candidate securing marks below 50% as mentioned above shall be declared to have failed in the examination.

Sl no	Year /part	Theory		Practical including viva		
1.	Part - 1	Maximum marks 100	Passing criteria 50	Not applicable		
				Maximum marks	Passing criteria	-
2.	Part-II	300	150	300	150	

A candidate who is declared successful in the examination shall be granted a Degree of Master of Dental Surgery in the respective specialty.

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

10. 2023-24

CHECKLIST- 3

MODEL CHECK LIST FOR EVALUATION OF CLINICAL WORK IN OPD

Name of the Trainee:

Date:

Name of the Unit Head:

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Regularity of attendance					
2.	Punctuality					
3.	Interaction with colleagues and supportive Staff					
4.	Maintenance of case Records					
5.	Presentation of cases					
6.	Investigations work -up					
7.	Chair - side manners					
8.	Rapport with patients					
9.	Overall quality of clinical Work					
	Total score					

Please use a separate sheet for each faculty member

CHECKLIST - 4
EVALUATION FORM FOR CLINICAL CASE PRESENTATION

Name of the Trainee:

Date:

Name of the faculty / Observer:

Sl.No	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Completeness of history					
2.	Whether all relevant points elicited					

3.	Clarity of presentation					
4.	Logical order					
5.	Mentioned all positive and negative					
6.	Accuracy of general physical examination					
7.	Investigations required					
	Complete list					
8.	Relevant order					
	Intepretation of Investigations					
	Ability to discuss differential diagnosis.					
9.	Ability to discuss diagnosis.					
10.	Others					
	Grand Total					

Please use a separate sheet for each faculty member

CHECKLIST- 7

CONTINUOUS EVALUATION OF DISSERTATION WORK BY GUIDE/CO-GUIDE

Name of the Trainee:

Date

Name of the Faculty/Observer:

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Sl.No	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Periodic consultation with guide / co- guide					
2.	Regular collection of case material					
3.	Depth of Analysis / Discussion					
4.	Department presentation of findings					
5.	Quality of final output					
6.	Others					
	ToTotal score					

CHECKLIST - 8 OVERALL ASSESSMENT SHEET

Name of the College:

Date:

Check List No	PARTICULARS										
		A	B	C	D	E	F	G	t	J	
1.	Journal Review Presentation										
2.	Seminars										
3.	Clinical work in wards										
4-	Clinical presentation										
5.	Teaching skill practice										
6.											
	TOTAL										

Signature of HOD

Signature of Principal

The above overall assessment sheet used along with the logbook should form the basis for certifying satisfactory completion of course of study, in addition to the attendance requirement.