

DENTAL COUNCIL OF INDIA

BDS COURSE REGULATIONS 2007



DENTAL COUNCIL OF INDIA

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The following proviso has been inserted in terms of (6th Amendment) notification published on 24.6.2013 in the Gazette of India:-

Provided further that students of 2007-2008 BDS batch who are declared passed with 4 ½ + 6 months Paid Rotatory Internship or 5-year duration course, as the case may be, as per Revised BDS Course (4th Amendment) Regulations, 2011, shall be deemed at par/equivalent with 4+1 year BDS Course, including one year Paid Rotatory Internship programme, for all interns and purposes i.e. for admission in MDS Course, applying for Govt Jobs, registration in State Dental Councils etc.

IV. Migration:

- (1) Migration from one dental college to other is not a right of a student. However, migration of students from one dental college to another dental college in India may be considered by the Dental Council of India. Only in exceptional cases on extreme compassionate ground*, provided following criteria are fulfilled. Routine migrations on other ground shall not be allowed.
- (2) Both the colleges, i.e. one at which the student is studying at present and one to which migration is sought, are recognised by the Dental Council of India.
- (3) The applicant candidate should have passed first professional BDS examination.
- (4) The applicant candidate submits his application for migration, complete in all respects, to all authorities concerned within a period of one month of passing (declaration of results) the first professional Bachelor of Dental Surgery (BDS) examination.
- (5) The applicant candidate must submit an affidavit stating that he/she will pursue 240 days of prescribed study before appearing at IInd professional Bachelor of Dental Surgery (BDS) examination at the transferee dental college, which should be duly certified by the Registrar of the concerned University in which he/she is seeking transfer. The transfer will be applicable only after receipt of the affidavit.

Note 1:

- (i) Migration is permitted only in the beginning of IInd year BDS Course in recognized Institution.
- (ii) All applications for migration shall be referred to Dental Council of India by college authorities. No Institution/University shall allow migrations directly without the prior approval of the Council.
- (iii) Council reserved the right, not to entertain any application which is not under the prescribed compassionate grounds and also to take independent decisions where applicant has been allowed to migrate without referring the same to the Council.

Note 2: *Compassionate ground criteria:

- (i) Death of supporting guardian.
- (ii) Disturbed conditions as declared by Government in the Dental College area.

V. Attendance requirement, Progress and Conduct

- (i) 75% in theory and 75% in practical/clinical in each year.
- (ii) In case of a subject in which there is no examination at the end of the academic year/semester, the percentage of attendance shall not be less than 70%. However, at the time of appearing for the professional examination in the subject, the aggregate percentage of attendance in the subject should satisfy condition (i) above.

VI. Subjects of Study:

First Year

- i) General Human Anatomy including Embryology and Histology
- ii) General Human Physiology and Biochemistry, Nutrition and Dietetics
- iii) Dental Anatomy, Embryology and Oral Histology
- iv) Dental Materials
- v) Pre-clinical Prosthodontics and Crown & Bridge

Second Year

- i) General Pathology and Microbiology
- ii) General and Dental Pharmacology and Therapeutics
- iii) Dental Materials
- iv) Pre clinical Conservative Dentistry
- v) Pre clinical 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 and 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

Fourth Year

- i) Orthodontics & dentofacial orthopaedics
- ii) Oral Medicine & Radiology
- iii) Paediatric & Preventive Dentistry
- iv) Periodontology
- v) Oral & Maxillofacial Surgery
- vi) Prosthodontics and Crown & Bridge
- vii) Conservative Dentistry and Endodontics
- viii) Public Health Dentistry

Fifth Year

- i) ~~Oral & Maxillofacial Surgery~~
- ii) ~~Prosthodontics and Crown & Bridge~~
- iii) ~~Conservative Dentistry and Endodontics~~
- iv) ~~Public Health Dentistry~~

The above 5th year subjects have been deleted in terms of (3rd Amendment) notification published on 25th August, 2011 in the Gazette of India.

EXAMINATIONS

SCOPE: These regulations shall be applicable for the B.D.S. degree examinations conducted by various universities in the country.

I. PREFACE:

- (A) Evaluation is a continuous process, which is based upon criteria developed by the concerned authorities with certain objectives to assess the performance of the learner. This also indirectly helps in the measurement of effectiveness and quality of the concerned B.D.S. programme.
- (B) Evaluation is achieved by two processes
 - 1. Formative or internal assessment
 - 2. Summative or university examinations.

Formative evaluation is done through a series of tests and examinations conducted periodically by the institution.

Summative evaluation is done by the university through examination conducted at the end of the specified course.

II. METHODS OF EVALUATION:

Evaluation may be achieved by the following tested methods:

- 1. Written test
- 2. Practicals
- 3. Clinical examination
- 4. Viva voce

INTERNAL ASSESSMENT EXAMINATION

The continuing assessment examinations may be held frequently at least **3** times in a particular year and the average marks of these examinations should be considered. 10% of the total marks in each subject for both theory, practical and clinical examination separately should be set aside for the internal assessment examinations.

SCHEME OF EXAMINATION:

The following has been substituted in terms of (3rd Amendment) notification published on 25th August, 2011 in the Gazette of India and the same is as under:-

~~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 second year, 3rd B.D.S. examination at the end of third, 4th BDS at the end of 4th and final B.D.S at the end of 5th year. 240 days minimum teaching in each academic year is mandatory.~~

The Scheme of Examination for BDS Course shall be divided into 1st BDS examination at the end of the first academic year, 2nd BDS examination at the end of second year, 3rd BDS examination at the end of third, 4th and final BDS at the end of 4th year. Where semester system exists, there shall be two examinations in the final year, designated as part 1 and part 2 of the respective examinations (regulations 1983) 240 days minimum teaching in each academic year is mandatory.

In terms of (6th Amendment) notification published on 24.6.2013 in the Gazette of India, in 1st line of 2nd paragraph under the heading (III) "Scheme of Examination", the word "semester" has been substituted by the word "Part I or Part II, whichever is applicable", as follows:-

For University opting for ~~semester~~ **Part I or Part II, whichever is applicable** mode, the subjects that are to be covered in each semester proposed below.

Part-I

- Public Health Dentistry
- Periodontology
- Orthodontics and Dentogacial Orthopaedic
- Oral Medicine and Radiology

Part-II

- Oral & Maxillofacial Surgery
- Conservative and Endodontics
- Prosthodontics and Crown & Bridge
- Paediatric and preventive Dentistry

The examination shall be open to a candidate who satisfies the requirements of attendance, progress and other rules laid down by the University.

(1) Universities shall organize admission timings and admission process in such a way that teaching starts from 1st day of August in each academic year.

I B.D.S. Examination:

1. General anatomy including embryology and histology
2. General human physiology and biochemistry
3. Dental Anatomy, Embryology and Oral Histology

~~Any student who does not clear the first BDS University Examination in all subjects within 3 years from the date of admission, shall be discharged from the Course.~~

The above clause has been substituted by the following clause in terms of (7th Amendment) notification published in the Gazette of India and the same is as under:-

Any student who does not clear the BDS Course in all the subjects within a period of 9 years, including one year Compulsory Rotatory paid Internship from the date of admission shall be discharged from the course.

~~Any candidate who fails in one subject in an Examination is permitted to go to the next higher class and appear for the subject and complete it successfully before he is permitted to appear for the next higher examination.~~

The above has been substituted in terms of (3rd Amendment) notification published on 25th August, 2011 in the Gazette of India and the same is as under:-

Any candidate who fails in one subject in an Examination is permitted to go to the next higher class and appears for the said failed subject and complete it successfully before he is permitted to appear for the next higher examination. However, the Dental Council of India would have no objection, if the concerned University follows their examination scheme provided in their statute/regulations.

II B.D.S. Examination:

A candidate who has not successfully completed the 1st B.D.S. examination can not appear in the IInd year Examination.

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

The following has been added after Sl. No. 5 of the subject, Pre-clinical Prosthodontics, in terms of (3rd Amendment) notification published on **25th August, 2011** in the Gazette of India and the same is as under:-

Any candidate who fails in one subject in an Examination is permitted to go to the next higher class and appears for the said failed subject and complete it successfully before he is permitted to appear for the next higher examination. However, the Dental Council of India would have no objection, if the concerned University follows their examination scheme provided in their statute/regulations.

III B.D.S. Examination:

A candidate who has successfully completed the 2nd B.D.S. examination can appear IIIrd B.D.S. Examination.

1. General Medicine
2. General Surgery
3. Oral Pathology and Oral Microbiology

The following has been added after Sl. No. 3 of the subject Oral Pathology and Oral Microbiology, in terms of (3rd Amendment) notification published on **25th August, 2011** in the Gazette of India and the same is as under:-

Any candidate who fails in one subject in an Examination is permitted to go to the next higher class and appear for the subject and complete it successfully before he is permitted to appear for the next higher examination. However, the Dental Council of India would have no objection, if the concerned follows their examination scheme (2nd year onwards) provided in their statute/regulations.

IV B.D.S. Examination:

1. ~~Oral Medicine and radiology~~
2. ~~Paediatric & Preventive Dentistry~~
3. ~~Orthodontics & dentofacial orthopaedics~~
4. ~~Periodontology~~

The above has been substituted in terms of (3rd Amendment) notification published on **25th August, 2011** in the Gazette of India and the same is as under:-

Final BDS (Fourth Year):

- Public Health Dentistry
 - Periodontology
 - Orthodontics and Dentofacial Orthopaedic
 - Oral Medicine and Radiology
 - Oral & Maxillofacial Surgery
 - Conservative and Endodontics
 - Prosthodontics and Crown & Bridge
 - Paediatric and Preventive Dentistry
- OR

Part-I

- Public Health Dentistry
- Periodontology
- Orthodontics and Dentogacial Orthopaetic
- Oral Medicine and Radiology

Part-II

- Oral & Maxillofacial Surgery
- Conservative and Endodontics
- Prosthodontics and Crown & Bridge
- Paediatric and preventive Dentistry

Note:-

1. The concerned Universities may opt for any one of the examination pattern mentioned above in 4th BDS final year.
2. If any University opt for the part examination system then any candidate who fails in any subject in 4th (final) year Part-I examination is permitted to go to the Part-II examination and should complete both parts successfully before he/she is permitted to go for Internship programme.
3. Since there are inadequate teaching staffs in Department of Public Health Dentistry, the same may be clubbed together under the head of periodontics. This arrangement shall be reviewed after three years.

V-BDS Examination:

1. ~~Prosthodontics and Crown & Bridge~~
2. ~~Conservative Dentistry and Endodontics~~
3. ~~Oral and Maxillofacial Surgery~~
4. ~~Public Health Dentistry~~

The V BDS examination has been deleted in terms of (3rd Amendment) notification published on 25th August, 2011 in the Gazette of India.

WRITTEN EXAMINATION:

1. The written examination in each subject shall consist of one paper of three hours duration and shall have maximum marks of 70.
2. In the subjects of Physiology & Biochemistry and Pathology & Microbiology each paper will be divided into two parts, A and B of equal marks.
3. The question paper should contain different types of questions like essay, short answer and objective type / M.C.Q's.
4. The nature of questions set, should be aimed to evaluate students of different standards ranging from average to excellent.
5. The questions should cover as broad an area of the content of the course. The essay questions should be properly structured and the marks specifically allotted.
6. The University may set up a question bank

PRACTICAL AND CLINICAL EXAMINATION:

1. **Objective Structured Clinical Evaluation:** The present system of conducting practical and clinical examination at several universities provide chance for unrealistic proportions of luck. Only a particular clinical procedure or experiment is usually given for the examination. The clinical and practical examination should provide a number of chances for the candidate to express one's skills. A number of examination stations with specific instructions to be provided. This can include clinical procedures, laboratory experiments, spotters etc. Evaluation must be made objective and structured. The method of objective structured clinical examinations should be followed. This will avoid examiner bias because both the examiner and the examinee are given specific instructions on what is to be observed at each station.
2. **Records/ Log Books:** The candidate should be given credit for his records based on the scores obtained in the record. The marks obtained for the record in the first appearance can be carried over to the subsequent appearances if necessary.
3. **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.
4. **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.

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 (Written)	10
Total	100

Practicals/ clinicals – 100

University Exam	90
Internal assessment (Written)	10
Total	100

Practical and Viva Voce Only in University Examination

Pre-clinical Prosthodontics

Pre-clinical Conservative Dentistry.....

Internal Assessment	-	20
Practical	-	60
Viva Voce	-	20
Total		100

Criteria for a pass:

Fifty percent of the total marks in any subject computed as aggregate for theory, i.e., written, viva voce and internal assessment and practicals including internal assessment, separately is essential for a pass in all years of study.

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 candidate shall secure 50% marks in aggregate in University theory including Viva Voce and Internal assessment obtained in University written examination combined together.
- In the University Practical/ clinical examination, a candidate shall secure 50% of University practical marks and Internal Assessment combined together.
- 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.
- 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.
- First Class and Distinction etc. to be awarded by the University as per their respective rules.

Grace Marks: Grace marks upto a maximum of 5 marks may be awarded to students who have failed only in one subject but passed in all other subjects.

Re-evaluation: The objective of re-evaluation is to ensure that the student receives a fair evaluation in the university examination and to minimize human error and extenuating circumstances. There shall be two mechanisms for this purpose.

1. **Re-totalling:** The University on application and remittance of a stipulated fee to be prescribed by the university, shall permit a recounting or opportunity to recount the marks received for various questions in an answer paper/ papers for theory of all subjects for which the candidate has appeared in the university examination. Any error in addition of the marks awarded if identified should be suitably rectified.
2. **Re-evaluation:** Re-evaluation of theory papers in all years of study of the BDS course may be permissible by the university on application and remittance of a prescribed fee. Such answer script shall be re-evaluated by not less than two duly qualified examiners and the average obtained shall be awarded to the candidate and the result accordingly reconsidered. However in those universities where double evaluation provision exists, this provision of re-evaluation will not be applicable.

Qualification and experience to be eligible for examinership for BDS examination

1. M.D.S. Degree from a recognized Institution
2. 4 years teaching experience in the subject in a dental college after MDS

Subjects	Lecture Hours	Practical Hours	Clinical Hours	Total Hours
General Human Anatomy Including Embryology, Osteology and Histology.	100	175		275
General Human Physiology	120	60		180
Biochemistry	70	60		130
Dental Materials	80	240		320
Dental Anatomy Embryology, and Oral Histology	105	250		355
Dental Pharmacology & Therapeutics	70	20		90
General Pathology Microbiology	55	55		110
	65	50		115
General Medicine	60		9	150
General Surgery	60		90	150
Oral Pathology & Microbiology	145	130		275
Oral Medicine & Radiology	65		170	235
Paediatric & Preventive Dentistry	65		170	235
Orthodontics & dental orthopaedics	50		170	220
Periodontology	80		170	250
Oral & Maxillofacial Surgery	70		270	340
Conservative Dentistry & Endodontics	135	200	370	705
Prosthodontics & Crown & Bridge	135	300	370	805
Public Health Dentistry including Lectures on Tobacco Control & Habit Cessation	60		200	260
Total	1590	1540	1989	5200

Note:

There should be a minimum of 240 teaching days each academic year consisting of 8 working hours, including one hour of lunch break.

Internship – 240x8 hours-1920 clinical hours

MINIMUM WORKING HOURS FOR EACH SUBJECT OF STUDY
(B.D.S COURSE)

I B.D.S

Subject	Lecture Hours	Practical Hours	Clinical Hours	Total Hours
General Human Anatomy Including Embryology, Osteology and Histology	100	175		275
General Human Physiology	120	60		180
Biochemistry.	70	60		130
Dental Anatomy Embryology, and Oral Histology	105	250		355
Dental Materials	20	40		60
Pre clinical Prosthodontics & Crown & Bridge	-	100		100
Total	415	685		1100

II B.D.S

Subject	Lecture Hours	Practical Hours	Clinical Hours	Total Hours
General & Dental Pharmacology and therapeutics	70	20		90
General Pathology	55	55		110
Microbiolog	65	50		115
Dental Materials	60	200		260
Oral Pathology and Oral Microbiology	25	50		75
Pre Clinical Prosthodontics & Crown & Bridge	25	200		225
Pre Clinical Conservative Dentistry	25	200		225
Total	325	775		1100

III B.D.S

2. Boucher's "Prosthodontic treatment for edentulous patients"
3. Essentials of complete denture prosthodontics by – Sheldon Winkler.
4. Maxillofacial prosthetics by – William R. Laney.
5. McCracken's Removable partial prosthodontics
6. Removable partial prosthodontics by – Ernest L. Miller and Joseph E. Grasso.

18. Periodontology

1. Glickman's Clinical Periodontology – Carranza

REFERENCE BOOKS :

1. Essentials of Periodontology and Periodontics – Torquil MacPhee
 2. Contemporary Periodontics – Cohen
 3. Periodontal therapy – Goldman
 4. Orban's Periodontics – Orban
 5. Oral Health Survey – W.H.O.
 6. Preventive Periodontics – Young and Stiffler
 7. Public Health Dentistry – Slack
 8. Advanced Periodontal Disease – John Prichard
 9. Preventive Dentistry – Forrest
 10. Clinical Periodontology – Jan Lindhe
 11. Periodontics – Baer & Morris.
19. **Conservative Dentistry and Endodontics**
1. Esthetic guidelines for restorative dentistry; Scharer & others
 2. Esthetics of anterior fixed prosthodontics; Chiche (GJ) & Pinault (Alain)
 3. Esthetic & the treatment of facial form, Vol 28; Mc Namara (JA)
20. **Aesthetic Dentistry**
1. Aesthetic guidelines for restorative dentistry; Scharer & others
 2. Esthetics of anterior fixed prosthodontics; Chiche (GJ) & Pinault (Alain)
 3. Aesthetic & the treatment of facial form, Vol 28; Mc Namara (JA)
21. **Forensic Odontology**
1. Practical Forensic odontology – Derek Clark
22. **Oral Implantology**
1. Contemporary Implant Dentistry – Carl .E. Misch Mosby 1993 First Edition.
 2. Osseointegration and Occlusal Rehabilitation Hobo S., Ichida .E. and Garcia L.T. Quintessence Publishing Company, 1989 First Edition.
23. **Behavioural Science**
1. General psychology -- Hans Raj, Bhatia
 2. Behavioural Sciences in Medical practice -- Manju Mehta
24. **Ethics**
1. Medical Ethics, Francis C.M., I Ed. 1993, Jaypee Brothers, New Delhi p. 189.
- Note: 1. Books titles will keep on adding in view of the latest advances in the Dental Sciences.
2. Standard Books from Indian Authors are also recommended.
- #### LIST OF JOURNALS:
1. Journal of Dentistry
 2. British Dental Journal
 3. International Dental Journal
 4. Dental Abstracts
 5. Journal of American Dental Association
 6. British Journal of Oral and Maxillofacial Surgery
 7. Oral Surgery, Oral Pathology and Oral Medicine
 8. Journal of Periodontology
 9. Journal of Endodontics
 10. American journal of Orthodontics and Dentofacial Orthopedics
 11. Journal of Prosthetic Dentistry
 12. Journal of Public Health Dentistry
 13. Endodontics and Dental Traumatology
 14. Journal of Dental Education
 15. Dental Update
 16. Journal of Dental Material
- Note : This is the minimum requirement. More journals both Indian and Foreign are recommended for imparting research oriented education.

INFRASTRUCTURE & FUNCTIONAL REQUIREMENTS


PRINCIPAL
KIMS DENTAL COLLEGE
& HOSPITAL
AMALAPURAM-E.G.DL., A.P