

MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK

**SYLLABUS : THIRD B.D.S.**

Candidate will be examined in the following subjects:

- 1) **General Medicine**
- 2) **General Surgery**
- 3) **Oral Pathology & Microbiology.**
- 4) **Preventive and Community Dentistry.**

Subject 1 : **GENERAL MEDICINE**

Lectures - 40 Hours.

Clinicals - 90 Hours.

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Total Duration 130 Hours.

**LECTURES :**

1. Aims of Medicine.
2. Definition of diagnosis, prognosis and treatment.
3. History taking and physical examination of a medical case.
4. Medical emergencies in dental practice, Anaphylactic shock,

Hemophillia, Syncope etc. Cardiac arrest etc.

5. G.I. Disorders:  
Stomatitis, Glossitis, Gastritis, Diarrhoea, Amoebiasis,  
Ascites, Malabsorption syndrome, Peptic ulcer.
6. Liver.- Jaundice, Viral hepatitis, Cirrhosis of liver.  
Tender hepatomegaly.
7. Cardiovascular System:  
Congenital heart diseases, classification, Rheumatic heart  
diseases, subacute bacterial endocarditis. Congestive heart  
failures, left ventricular failure. Hypertension. Coronary  
artery disease.
8. Respiratory System:  
Pneumonia, Bronchitis, Emphysema, Lung Abscess.  
Eosinophilia, Pulmonary Embolism, Pulmonary Tuberculosis,  
Respiratory failure, Chronic obstructive Pulmonary diseases.



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**I. Theory ..... 60 Marks**

Theory (written) paper shall be of three hours duration.

Theory paper shall have three parts A,B, & C.

Section A : MCQ - Total 20 Marks.

20 multiple choice questions carrying one mark each.... 20 marks.

Section B : SAQ - Total 20 marks.

Ten short questions carrying two marks each ..... .. 20 marks.

Section C : LAQ - Total 20 Marks.

Two long answer question carrying ten marks each ..... 20 marks.

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60 Marks.

**II. CLINICALS**

A) Practical

Maximum ..... 80 Marks.

i] Long Case ..... 35 Marks.

ii] Short Case ..... 20 Marks.

iii] X-Rays & Drugs ..... 20 Marks.


iv] Journal ..... 05 Marks.

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**Total 80 Marks.**

B) i] Oral (Viva Voce) ... 20 Marks.

A+B = 100 Marks.

  
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15. Burns:-outline & treatment in brief.
16. Diseases of arteries & Veins.
17. Blood grouping & transfusion.
18. Methods of administration of general anaesthesia,  
Precautions, Management, Resuscitation in Dentistry.
19. Operation theatre techniques.
20. Recent advances in general surgery.

**EAMINATION PATTERN :**

I. Theory -----max 60 Marks

Theory (written) paper shall be of three hours duration.

Theory paper shall have three parts A,B, & C.

Section A : MCQ - Total 20 Marks.

20 multiple choice questions carrying one mark each.... 20 marks.

Section B : SAQ - Total 20 marks.

Ten short questions carrying two marks each .. ..... 20 marks.

Section C : LAQ - Total 20 Marks.

Two long answer question carrying ten marks each ..... 20 marks.

**II. CLINICALS**

A) Clinical/Practical

i] Long Case ..... 35 Marks.

ii] Short Case ..... 20 Marks.

iii] X-Rays, Instruments ... 20 Marks.

iv] Journal ..... 05 Marks.

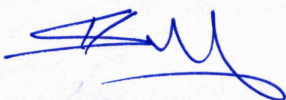
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Total ----- 80 Marks.

B) i] Oral (Viva Voce) ... 20 Marks.

A+B = 100 Marks

13. **Internal Assessment (Theory 20 +Practical 20) ....40 Marks.**

  
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**PRACTICAL:**

1. Identifications of hard and soft tissue specimens.
2. Identification of Histopathological & Microbiological slides.
3. Biopsy and exfoliative cytology techniques.

**I. Theory -----Max 60 Marks.**

Theory paper shall have three parts A,B, & C.

Section A : MCQ - Total 20 Marks.

20 multiple choice questions carrying one mark each.... 20 marks.

Section B : SAQ - Total 20 marks.

Ten short questions carrying two marks each ..... 20 marks.

Section C : LAQ - Total 20 Marks.

Two long answer question carrying ten marks each ..... 20 marks.

**II. PRACTICAL**

- |    |                             |                |
|----|-----------------------------|----------------|
| A) | i] Spotting of 8 slides     | .... 40 Marks. |
|    | ii] Spotting of 6 specimens | ... 30 Marks.  |
|    | iii] Journals               | ... 10 Marks,  |

Total ----- 80 Marks.

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|----|--------------------------------|-----------|
| B) | i] <u>Oral (Viva Voce)</u> ... | 20 Marks. |
|----|--------------------------------|-----------|

A+B = 100 Marks.

**III. Internal Assessment (Theory 20+Practical 20) ----- 40 Marks.**

**Subject 4 : Preventive and Community Dentistry.**


Lectures - 30 Hours. (Spread over Two Terms)

Field Programs - 100 Hours.

Total Duration - 130 Hours.

**LECTURES :**

1. History of Dentistry.
2. Biostatistics:  
Introduction and General Principles of Biostatistics, Statistical procedures.
3. Psychology:  
Introduction, Psychological development from birth to adolescence, Management of Child in the dental office, parent counseling in respect of dental health and Hygiene of the child.

  
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Defination of indices , Classification of indices , commonly used indices for dental caries & periodontal diseases.


9. Recent advances and other oral diseases.

**FIELD PROGRAMME :**

1. In rural areas to conduct survey of Dental diseases. Provide Dental Health Education, emergency treatment.
2. School-Health programme, Dental Care for school children and preventive programme. Topical fluoride application and oral hygiene demonstrations.

**EXAMINATION PATTERN :**

I.	Theory (written) paper shall be of three hours duration max 60 Marks. Theory paper shall have three parts A,B, & C. Section A : MCQ - Total 20 Marks. 20 multiple choice questions carrying one mark each...      20 marks. Section B : SAQ - Total 20 marks. Ten short questions carrying two marks each      .....      20 marks. Section C : LAQ - Total 20 Marks. Two long answer question carrying ten marks each ....      20 marks	
II.	ORAL (VIVA VOCE) .....	20 Marks.
III.	Int. Assessment in Theory	20 Marks.
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	Total	100 marks.

  
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2.B) For Final B.D.S. Subjects :- Four College test to be conducted theory as per above pattern in final year only. However, for Clinical Practical test -- 2 test to be conducted in third year teaching during clinical posting and 2 test to be conducted in IV year clinical posting.

3) The pattern of Internal Assessment Examination should be as under :

a) Theory . . . 50 Marks

b) Practical . . . 50 Marks

c) Exception : For community Dentistry the written Examination will be of 40 Marks & Oral will be of 10 Marks.


Marks obtained by the candidate out of 50 to be divided by 10 and to be entered in Performa even in fraction like 35/50 will be shown as 3.5 out of 5 marks.

4) The marks obtained by the candidate in all four examinations, to be amalgamated even with fractions. The fraction, if any, is now to be converted into nearest higher round figure.

5) All the records of these examination P/T will have to be maintained till the start of next University Examination by the Heads of Departments and will have to be produced to the University authority if required for verification.

6) a) The marks obtained by the students for First, Second internal assessment tests should be submitted in the prescribed proforma ( Appendix - D ) to the controller of examination immediately after 15 days of completion of second Internal Assessment Examination.

b) The marks of all four internal assessment tests shall be submitted to the controller of examination in the proforma as shown in Appendix - D , through the Dean / Principal of the college before 20 days of the commencement of the University Theory Examination by Hand delivery or Register post. The Mark sheet should be signed by the candidates, teacher in charge/HOD & Dean/Principal.

  
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practical examination is permitted to carry any paper or violate the rules of examination. The person found guilty will be debarred from such Confidential work for a minimum period of 5 Consecutive University examinations or the actions as suggested by the relevant Committee to investigate such matters.

**APPENDIX-E**

**FORMAT OF THE PRACTICAL / CLINICAL EXAMINATION MARKS**

**MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK**

Chart showing marks obtained by the candidates in practical / clinical examination, to be submitted by the examiner in sealed cover through the Dean of the college to the Controller of Examination, MUHS, Nashik

Name of Examination : Third B.D.S. Summer / Winter 200\_\_

Centre : \_\_\_\_\_

**1) SUBJECT : GENERAL MEDICINE** Max. Marks:- 80

NOTE :- SCRATCHING OR OVERWRITING IN MARKS ARE NOT ALLOWED

Roll No.	Long Case (35Marks)	Short Case (20 Marks)	X-rays & Drugs (20 Marks)	Journal (5 Marks)	Total (80Marks)
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**2) SUBJECT : GENERAL SURGERY** Max. Marks:- 80

NOTE :- SCRATCHING OR OVERWRITING IN MARKS ARE NOT ALLOWED

Roll No.	Long Case (35Marks)	Short Case (20 Marks)	Xrays, Instrumentation (20 Marks)	Journal (5 Marks)	Total (80Marks)
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**3) SUBJECT : PATHOLOGY & MICROBIOLOGY** Max. Marks:- 80

NOTE :- SCRATCHING OR OVERWRITING IN MARKS ARE NOT ALLOWED

Roll No.	Spotting of 8 Slides (8 X 5 = 40 Marks)	Spotting of 6 Specimens (6 X 5 = 30 Marks)	Journal (10 Marks)	Total (80Marks)
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**External Examiners :**

Name: \_\_\_\_\_

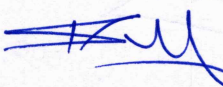
Signature: \_\_\_\_\_

**Internal Examiners :**

Name : \_\_\_\_\_

Signature : \_\_\_\_\_

(Common to All)

  
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**APPENDIX B**  
**MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK**  
**Scheme of Examination for Third B.D.S Examination**

Sr. No.	Subject	Subheads	Maximum marks allotted	Minimum marks required to pass in each sub head	Maximum marks allotted	Minimum marks required for awarding distinction
1	General Medicine	i) Theory (Written)	60	-	200	150
		ii) Oral	20	-		
		iii) Theory + Oral	80	40		
		iv) Internal Assessment (Theory)	20	-		
		iv) Theory + Oral + Internal Assessment (Theory)	100	50		
		i) Practical/Clinical	80	40		
		ii) IA Practical/Clinical iii) Practical/Clinical + Internal Assessment (Practical/Clinical)	20 100	- 50		
2	General Surgery	i) Theory (Written)	60	-	200	150
		ii) Oral	20	-		
		iii) Theory + Oral	80	40		
		iv) Internal Assessment (Theory)	20	-		
		iv) Theory + Oral + Internal Assessment (Theory)	100	50		
		i) Practical/Clinical	80	40		
		ii) IA Practical/Clinical iii) Practical/Clinical + Internal Assessment (Practical/Clinical)	20 100	- 50		

  
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Appendix – D

**MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK**

**INTERNAL ASSESSMENT MARKS FOR ...B.D.S. SUMMER/WINTER EXAMINATION, YEAR**

Subject: \_\_\_\_\_  
College: \_\_\_\_\_

Subhead – Theory / Practical

Sr. No.	Enrollment No	Roll No.	Name of the Student	Internal Assessment Test				Aggregate Total Out of 20	Net total (after rounding the fraction, if any) Marks obtained out of 20	In Words (Out of Twenty)	Signature of Student
				First Max 5	Second Max 5	Third Max 5	Fourth Max 5				

Certificate that the marks entered in above proforma are as obtained by the candidates. The department will produce the necessary documents for verification University Authority if required.

Date : \_\_\_\_\_ (Signature of Subject Teacher) \_\_\_\_\_ (Signature of Head of the Department)



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