

# Maharashtra University of Health Sciences, Nashik

## Direction No. 8 of 1999

**Subject :** Examination leading to Degree of Bachelor of Sciences in Nursing (B.Sc. Nursing 1<sup>st</sup> Year Examination to be held in summer 1999)

WHEREAS, the Hon. Governor of the Maharashtra promulgated Maharashtra Ordinance No.11 of 1998 to establish Maharashtra University of Health Sciences on 3rd June, 1998, which has been passed as Maharashtra University of Health Sciences Act, 1998 by the Maharashtra State Legislature, for the purposes of ensuring proper and systematic instruction, teaching, training and research in modern medicine and Indian Systems of Medicines, Pharmaceutical Sciences and paramedical courses in the State of Maharashtra and to have balanced growth in health Sciences so also an uniformity in various courses in Health Sciences in the State.

AND WHEREAS, it is a duty of the University to hold Examinations of the courses conducted by the University as provided under the sub Section (ii) of Section 5 of an Ordinance,

AND WHEREAS, the University has decided to conduct the First Year B.Sc.Nursing Examinations in first half of 1999.

AND WHEREAS, conduct of examinations is an subject matter of Ordinance as provided under sub Section (vi) of Section (50) of the Act.

AND WHEREAS, ordinance for conduct of an examination leading to the Degree of Bachelor of Science in Nursing (Fist Year B.Sc.Nursing Examination) is not in existence.

AND WHEREAS making of an ordinance is a time taking process.

Now, therefore, I, Dr.D.G. Dongaonkar, Vice-Chancellor of the University in exercise of the powers conferred upon me under sub section (8) of section 16 of the Act, issue following directions.

- (1) These directions shall be called "Examinations leading to the Degree of Bachelor of Science in Nursing (First Year Examination) direction, 1998.
- (2) These directions shall come into force with effect from the date of its issuance.
- (3) There shall be following examinations leading to the Degree of Bachelor of Science in Nursing.
  1. The First Year B.Sc. Nursing Examinations.
  2. The Second Year B.Sc. Nursing Examinations.
  3. The Third Year B.Sc. Nursing Examinations.
  4. The Final Year B.Sc. Nursing Examinations.



- (4) The Examination referred to in paragraph 3 shall be held once a year at such places and on such dates as may be appointed by Board of Examinations.
- (5) **Admission Criteria** : An applicant for admission to the First Year B.Sc. Nursing Course shall :
- Have attained or shall attain the age of 17 years on the day of admission to the college prescribed by Maharashtra University of Health Sciences, Nashik.
  - Have passed 12<sup>th</sup> standard (10+2) / Higher Secondary School Certificate Examination of Maharashtra State Board or any other examination recognised as equivalent examinations by the University, consisting of Physics, Chemistry, Biology (Botany, Zoology) and English.
  - Be physically and mentally fit for admission.
  - Have obtained not less than 50% of the total marks at the qualifying examination in Physics, Chemistry, Biology and English taken together. However the applicant belonging to back ward classes must have secured not less than 40% at the qualifying examination in the said subjects taken together.
  - Have passed qualifying examinations at one and the same attempt i.e. an applicant who passes the examination in parts will not be held eligible.
  - The each academic year should consist of 240 teaching / clinical days.
- (6) **Duration** : The duration of the course shall be four years.
- (7) **Distribution of Hours** : Minimum Total Working Teaching days - 240.
- |  |              |
|--|--------------|
| First year                                       | - 40 weeks   |
| Working Hours / week                             | - 36 hours   |
| Teaching Hours available in 1 <sup>st</sup> year | - 1440 hours |
- (8) **Vacation and Holidays** : A minimum of Six to Eight weeks vacation shall be given each year.
- |                      |  |
|----------------------|--|
| Summer vacation      | - 30 days.                                       |
| Mid term break       | - 14 days (preferred by during Diwali and X'mas) |
| Preparatory Holidays | - 10 days  |
| Sick leave           | - 10 days  |
- All public holidays as per Maharashtra State./ Maharashtra University of Health Sciences, Nashik

(9) **Syllabus First Year B.Sc. Nursing**

<i>Sr. No.</i>	<i>Subject</i>	<i>Theory</i>	<i>Practical</i>	<i>Clinical Hours</i>
1.	Anatomy	80	20	--
2.	Physiology	65	10	--
3.	Bio-Chemistry	40	--	--
4.	Foundations of Nursing	76	154	300
5.	Normal nutrition and			



	Food Preparation	45	15	--
6.	Introduction to community Health including Family Welfare	75	--	45
7.	Psychology	75	15	--
8.	English/Marathi/Hindi	75	--	--
	Total	531	214	345

## 10. EXAMINATION ORDINANCE

- (i) Student shall have minimum 75 % of attendance in theory and 90% in practicals to be eligible for appearing in the examination.
- (ii) If candidate fails in internal assessment in any subject (Theory or Practical) will be not be eligible for appearing the University examination.
- (iii) Student will not be permitted to keep term until he passes in all the subjects of the First Year B.Sc. Nursing Examination.( There will be no A.T.K.T.)
- (iv) Student will not be permitted more than three attempts (actual examination) in sequence.
- (vi) The internal assessment mark sent previously should be considered for supplementary examination if student obtained passed mark.  
If candidates fails in Theory or Practical at University examination. He/She has to appear both the examination at supplementary examination
- (vii) The maximum marks allotted to each subject per practical, clinical, oral and viva-voce shall be indicated in appendix A as page No. 4.
- (viii) The scope of Subjects of First Year shall be indicated in the Prospectus appended here as appendix 'B' as page No.5.
- (ix) Standard of passing the examination :-
- (x) To pass the examination a candidate shall obtain 50% marks in each theory and Practical whereas in subsidiary subjects minimum pass marks shall be 50%.
- (xi) 25% of marks for theory and 50% of marks for practical shall be reserved for class performance and evaluation of performance in guided clinical practice respectively.
- (xii) The examination paper should allot 25% weightage to objective type questions and 75% to long answer type questions and short answers.
- (xiii) Maximum number of students to be examined in the practical should not be more than 12 per day.
- (xiv) Those of the successful candidates who pass the Examination at one and the same time and obtain: 50% or more marks shall be declared to have passed the Examination in SECOND CLASS.
  - 60% or more marks shall be declared to have passed the Examination in FIRST CLASS.
  - 70% or more marks shall be declared to have passed the examination in FIRST CLASS with DISTINCTION.
- \* A successful examinee passing an examination within the minimum prescribed period for the examination and obtaining not less than 75% of the total marks



prescribed in a subject shall be declared to have passed the examination with distinction in that subject.

- \* An unsuccessful examinee, who fails in one of the main subjects or subsidiary subjects, shall appear in that subject only of that academic year of the said examination.
- \* Notwithstanding anything to the contrary in this Direction, no student shall be admitted to the Examination under this Direction if he has already passed the same examination or an equivalent Examination of any other statutory University.
- \* Deficiency subject to a maximum 5 marks shall be condoned to enable an examinee to pass the Said examination. Such condonation shall be granted under one or more heads of passing.  
(Explanation - Condonation of deficiency of marks shall not be granted of securing exemption in the subject.)

#### EXPLANATION :

- (a) Examinees passing an examination with condonation of deficiency of marks shall not find a place in the merit list.
- (b) Examinees passing an examination with condonation of deficiency of marks shall not be eligible for any University Scholarship , medals, prizes, and any other University awards pertaining to that examination.
- (c) Statement of marks issued to candidates shall show condonation of deficiency of marks, if any , without mentioning the extent of condonation in terms of marks.
- (d) Examinees successful at the First, Second and Third B.Sc. Nursing Examination shall be entitled to receive a signed certificate by the Controller of Examinations and statement of marks and those successful at Final B.Sc. Nursing Examination shall be awarded the B.Sc. Nursing Degree certificate duly signed by the Vice-Chancellor.

Date :

Dr. D. G. Dongaonkar  
Vice-Chancellor

#### Appendix - A (SCHEME OF ANNUAL EXAMINATION)

S. N.	Subject	Subheads	Max. marks allotted	Min. marks required to pass in each sub head	Min. marks required to pass in each subject	Min.marks required for awarding distinction
1	Anatomy & Physiology Including	Theory (written)	75	38	50	75
		Int.	25	12		

### Scheme of Examination

	Theory			Practical		
	Hours	Internal	External	Hours	Internal	External
<b>I st year</b>						
Nursing education	3	25	75		50	50
Advance nursing practice	3	25	75			
Clinical speciality -I	3	25	75		100	100
Nursing Research and statistics	3	25**	75*			
<b>Total</b>		<b>100</b>	<b>300</b>		<b>150</b>	<b>150</b>
<b>II nd Year</b>						
Cursing administration	3	25	75			
Dissertation & Viva					100	100
Clinical Speciality-II	3	25	75		100	100
<b>Total</b>		<b>50</b>	<b>150</b>		<b>200</b>	<b>200</b>

\* Nursing research = 50 and statistics = 25

\*\*Nursing research = 15 and statistics = 10



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	Biochemistry	Assessment				
2	Foundations of Nursing	Theory (written)	75	38	<b>100</b>	<b>150</b>
		Practical + Oral	50	25		
		Int. Asses. Theory + Practical	25 } 50 }	37		
3	General Psychology	Theory (written)	75	38	<b>50</b>	<b>75</b>
		Int. Assessment	25	12		
4	Normal Nutrition & Food Preparation	Theory (written)	75	38	<b>50</b>	<b>75</b>
		Int. Assessment	25	12		
5	Introduction to Community Health including Family Welfare	Theory (written)	75	38	<b>50</b>	<b>75</b>
		Int. Assessment	25	12		
*6	English / Marathi / Hindi	Int. Assessment	50	25	<b>25</b>	<b>38</b>

\* College Subject

Note – This Scheme of Examination will be applicable to the students appearing in May 2002 examination.

### COURSE OF INSTRUCTION SECOND YEAR B.SC. NURSING

SN	Subject	Theory		Clinical	In hrs
		Classroom	Lab		
1	Sociology	60			
2	Pharmacology	35	10		
3	A) Pathology &	23	07		
4	B) Genetics	15			
5	Medical – Surgical Nursing – I	170	40	720	
6	Community Health Nursing - I	90		135	
7	Communication and Educational Technology	60	30		
8	Library Work / Self Study				50
9	Co-curricular Activities				35
<b>Total</b>		453	87	855	85
<b>Total Hours 1480</b>					

### SCHEME OF EXAMINATION

SN	Subject	Hours	Internal Assessment	External Exam	Total
1	Sociology	3	25	75	100
2	Medical – Surgical Nursing-I	3	25	75	100
3	Pharmacology Pathology & Genetics	3	25	75	100
4	Community Health Nursing-I	3	25	75	100
5	Communication and Educational Technology	3	25	75	100
6	<b>Practical and viva voce</b> Medical – Surgical Nursing-I	--	100	100	200
<b>Grand total</b>					<b>700</b>



**COURSE OF INSTRUCTION THIRD YEAR BASIC B.SC. NURSING**

SN	SUBJECT	THEORY HRS		PRACTICAL HRS	HRS
		Class	Lab		
1	Medical surgical Nursing ( Adult including geriatrics) II	103	17	270	
2	Child health Nursing	80	10	270	
3	Mental health nursing	90	-	270	
4	Midwifery and Obstetrical nursing	90		180 * practical exp guidelines for 3 <sup>rd</sup> & 4 <sup>th</sup> year	
5	Library work / self study				50
6	Co-curricular activities				50
		363 hrs	27 hrs	990	100
	<b>TOTAL HOURS</b>			1480	

**SCHEME OF EXAMINATION  
THIRD YEAR**

SN	SUBJECT	HOURS	INTERNAL ASSESSMENT	EXTERNAL EXAM	TOTAL
1	Medical surgical Nursing (Adult including geriatrics) II	3	25	75	100
2	Child health Nursing	3	25	75	100
3	Mental health nursing	3	25	75	100
	Practical Medical surgical Nursing (Adult including geriatrics) II		50	50	100
6	Child health Nursing		50	50	100
7	Mental health nursing		50	50	100



**COURSE OF INSTRUCTION THIRD YEAR BASIC B.SC. NURSING**

SN	SUBJECT	THEORY HRS		PRACTICAL HRS	HRS
		Class	Lab		
1	Medical surgical Nursing (Adult including geriatrics) II	103	17	270	
2	Child health Nursing	80	10	270	
3	Mental health nursing	90	-	270	
4	Midwifery and Obstetrical nursing	90		180 * practical exp guidelines for 3 <sup>rd</sup> & 4 <sup>th</sup> year	
5	Library work / self study				50
6	Co-curricular activities				50
		363 hrs	27 hrs	990	100
	<b>TOTAL HOURS</b>			1480	

**SCHEME OF EXAMINATION  
THIRD YEAR**

SN	SUBJECT	HOURS	INTERNAL ASSESSMENT	EXTERNAL EXAM	TOTAL
1	Medical surgical Nursing (Adult including geriatrics) II	3	25	75	100
2	Child health Nursing	3	25	75	100
3	Mental health nursing	3	25	75	100
	Practical Medical surgical Nursing (Adult including geriatrics) II		50	50	100
6	Child health Nursing		50	50	100
7	Mental health nursing		50	50	100



**COURSE OF INSTRUCTION FOURTH YEAR BASIC B.S.C. NURSING**

SN	SUBJECT	THEORY HRS		PRACTICAL HRS	HRS
		Class	Lab		
1	Midwifery and Obstetrical nursing	-	-	180 Refer guide line of 3 <sup>rd</sup> & 4 <sup>th</sup> year	
2	Community Health Nursing	90		135	
3	Nursing Research & statistics	45		45	
4	Management of nursing services and education	60	30		
		195	30	355	
	<b>TOTAL HOURS</b>	480			

**SCHEME OF EXAMINATION FOURTH YEAR**

SN	SUBJECT	HOURS	INTERNAL ASSESSMENT	EXTERNAL EXAM	TOTAL
1	Midwifery and Obstetrical nursing	3	25	75	100
2	Community Health Nursing	3	25	75	100
3	Nursing Research & statistics	3	25	75	100
4	Management of nursing services and education	3	25	75	100
	<b>Practical and viva voce</b> Midwifery and Obstetrical nursing		50	50	100
	Community Health Nursing		50	50	100



**COURSE OF INSTRUCTION FOURTH YEAR BASIC B.SC. NURSING**

SN	SUBJECT	THEORY HRS		PRACTICAL HRS	HRS
		Class	Lab		
1	Midwifery and Obstetrical nursing	90	-	180	
2	Community Health Nursing	90		135	
3	Management of nursing services and education	60	30		
		240	30	315	
		270			
	<b>TOTAL HOURS</b>	<b>585</b>			

**SCHEME OF EXAMINATION FOURTH YEAR**

SN	SUBJECT	HOURS	INTERNAL ASSESSMENT	EXTERNAL EXAM	TOTAL
1	Midwifery and Obstetrical nursing	3	25	75	100
2	Community Health Nursing	3	25	75	100
3	Management of nursing services and education	3	25	75	100
	<b>Practical and viva voce</b> Midwifery and Obstetrical nursing		50	50	100
	Community Health Nursing		50	50	100



### Internship (Integrated Practice)

Sr. No	Subject	Theory	Practical (In hrs)	In weeks
1.	Midwifery and Obstetrical nursing		240	5
2.	Midwifery and Obstetrical nursing*		180	4
3.	Community Health Nursing II		195	4
4.	Medical Surgical Nursing (adult And Geriatrics) with nursing administration		370	8
5.	Child Health Nursing		70	2
6.	Mental Health Nursing		50	1
	Total Hours		1105	24

#### Note:

1. Internship means 8 hours of integrated clinical duties in which 2 weeks of evening and night shift duties are included.
2. Recommended hours of theory should be completed as day system/ block system prior to each posting.
3. Internship should be carried out as 8 hours per day @ 48 hours per week
4. Students during internship will be supervised by nursing teachers
5. Fourth year final examination to be held only after completing internship.
6. \* as per INC Notification shifted from third year

Obstetrical Nursing --



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## **COURSE OF STUDY :**

<b>Sr. No.</b>	<b>Subject</b>	<b>Theory Hours</b>	<b>Practical Hours</b>	<b>Total Hours</b>
<b>1<sup>st</sup> Year</b>				
1.	Nursing Foundation	45	030	075
2.	Nutrition & Dietetics	30	015	045
3.	Biochemistry & Biophysics	60	-	060
4.	Psychology	60	015	075
5.	Maternal Nursing	60	240	300
6.	Child Health Nursing	60	240	300
7.	Microbiology	60	030	090
8.	Medical & Surgical Nursing	90	270	270
9.	English (Qualifying)	60	-	060
<b>Total</b>		<b>525</b>	<b>840</b>	<b>1215</b>

Note: Hindi/local language as per the need of the institution.

### **2<sup>nd</sup> Year**

10.	Sociology	60	-	060
11.	Community Health Nursing	60	240	300
12.	Mental Health Nursing	60	240	300
1.	Introduction to Nursing Education	60	075	135
2.	Introduction to Nursing Administration	60	180	240
3.	Introduction to Nursing Research & Statistics	45	120	165
<b>Total</b>		<b>345</b>	<b>855</b>	<b>1200</b>



## **SCHEME OF EXAMINATION:**

### **1<sup>st</sup> Year**

<b>Paper</b>	<b>Subject</b>	<b>Duration</b>	<b>Internal Assessment</b>	<b>External Assessment</b>	<b>Total Marks</b>
<b>Theory</b>					
1.	Nursing Foundation	2	15	35	050
2.	Nutrition & Dietetics	2	15	35	050
3.	Biochemistry & Biophysics	3	25	75	100
4.	Psychology	3	25	75	100
5.	Microbiology	3	25	75	100
6.	Maternal Nursing	3	25	75	100
7.	Child Health Nursing	3	25	75	100
8.	Medical & Surgical Nursing	3	25	75	100
9.	* English (Qualifying)	--	100 College level qualifying exam, minimum passing Marks 33%.		100
<b>Practicals</b>					
1.	Medical & Surgical Nursing		50	50	100
2.	Child Health Nursing		50	50	100
3.	Maternal Nursing		50	50	100

**Note: \* College level qualifying exam to appear in University Examination, minimum passing Marks 33%**

**2<sup>nd</sup> Year**

Paper	Subject	Duration	Internal Assessment	External Assessment	Total Marks
<b>Theory</b>					
10.	Sociology	3	25	75	100
11.	Community Health Nursing	3	25	75	100
12.	Mental Health Nursing	3	25	75	100
13.	Introduction to Nursing Education	3	25	75	100
14.	Introduction to Nursing Service Administration	3	25	75	100
15.	** Introduction to Nursing Research Statistics	2	50 College level qualifying exam, minimum passing Marks 50%		050
<b>Practicals</b>					
4.	Community Health Nursing		50	50	100
5.	Mental Health Nursing		50	50	100
6.	** Introduction to Nursing Research Statistics		50 (Research Project) College level qualifying exam, minimum passing Marks 50%		050

Note: \*\* College level qualifying exam to appear in University Examination, minimum passing Marks 50%. (Not University Examination)



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## Duration

Duration of the course is 2 years for M.Sc. (N)

Available	52 weeks
Vacation	04 weeks
Examination	02 weeks
Gazetted holidays	03 weeks
Total weeks available	43 weeks
40 hours per week	1720 hours
<b>Total hours for 2 years</b>	<b>3440 hours</b>

## Course of Instruction

	Theory (hrs)	Practical (hrs)
<b>Ist year</b>		
Nursing education	150	150
Advance nursing practice	150	200
Clinical specialty -II	150	650
Nursing .Research and statistics	150	100
<b>Total</b>	<b>600</b>	<b>1100</b>
<b>II nd Year</b>		
Nursing Management	150	150
Nursing Research(Dissertation)		300
Clinical Specialty-II	150	950
<b>Total</b>	<b>300</b>	<b>1400</b>

Educational visit 2 weeks

**Note: Students have to maintain log book for each activity during the course of study.**



  
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