

Guidelines on
Examination System for
**Diploma in Nursing
Science and Midwifery
2018**



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Bangladesh Nursing and Midwifery Council

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Guideline on Examination System for Diploma in Nursing Science and Midwifery

Introduction

Any kind of educational guideline is important for nurse educators because it provide proper directions for smooth running of a course. From this perspective this guideline for examination system is developed for Nurse Educators who are responsible to implement Diploma in Nursing Science and Midwifery course.

This guide will help them to maintain the standard of education, to keep uniformity in terms of assessment of individual subject. This guideline has included total subjects' hours and marks, year wise subject with code and hours distribution, summary of marks distribution against each subject, Examination System & Distribution of Marks, Questions for examination, Methods of assessment, Summative assessment, Multiple choice question (MCQ) & Best Answer Questions, Short question (SQ) & Essay question (EQ), example of written marks, Formative Assessment, In-course assessment, Marks distribution of formative assessment, Oral or/and Practical including annexure .

Curriculum Structure:

The Diploma in Nursing Science and Midwifery course will be of three years duration

Each academic year consists of 52 weeks. Out of 52 weeks, 45 weeks will be reserved for theory, laboratory classes, clinical practice, and review class and test examination. The rest of 07 weeks will be used for study leave, BNMC examination and school break.

This break may also allow time for students who fail a course to take re-exam, or to do additional study like assignment & practice to improve their academic performance in order to fulfill the requirement of the course.

Each week consists of 6 working days and 6 hours a day for theory & lab. So for theory and lab session a week consists of 36 hours. Each week consists of 6 working days and 8 hours a day for clinical practice.

Total Subjects' hours and Marks:

There are total 17 subjects including two internal subjects in the Diploma in Nursing Science & Midwifery program as specified in the curriculum and syllabus.

Total marks will be 3100 and allocated hours will be 5112 in three years program. Subject wise hours and marks are specified below:

Year wise subject with code and hours distribution

First Year			
Subject Code	Subject Title	Allocated hours	(T /L/P) hrs
D111	Behavioral Science	240	144/0/96
D112	Basic Science	128	96/32/0
D123	Anatomy and Physiology	256	208/48/0
D124	Microbiology and Parasitology	64	48/16/0
D135	Fundamentals of Nursing	824	252/92/480
D116	Communicative English (Internal Subject)	80	48/32/0
D117	Computer and Information Technology (Internal Subject)	64	32/32/0
	Total with Internal Subject=	1656	828/252/576

Second Year			
Subject Code	Subject Title	Allocated hours	(T /L/P) hrs
D231	Medical & Surgical Nursing	832	248/104/480
D222	Pharmacology	80	80/0/0
D223	Nutrition and dietetics	240	80/64/96
D234	Community Health Nursing	292	196/0/96
D235	Pediatric Nursing	260	116/48/96
	Total =	1704	720/216/768

Third Year			
Subject Code	Subject Title	Allocated hours	(T /L/P) hrs
D331	Midwifery	1192	280/96/816
D332	Psychiatric Nursing	144	96/0/48
D333	Orthopedic Nursing	240	96/48/96
D334	Leadership and Management	96	96/0/0
D335	Research methodology	80	80/0/0
	Total =	1752	648/144/960
	Total hours =	5112	2196/612/2304



Year wise Marks distribution against each subject

First Year		Marks				
Subject Code	Subject Title	Written	Oral	practical	Formative	Total
D111	Behavioral Science	100	20	-	30	150
D112	Basic Science	100	20	-	30	150
D123	Anatomy and Physiology	100	50	50	50	250
D124	Microbiology and Parasitology	100	20	10	20	150
D135	Fundamentals of Nursing	100	50	50	50	250
D116	Communicative English (Internal Subject)	100	20	-	30	150
D117	Computer and Information Technology (Internal Subject)	100	15	15	20	150
Total with Internal Subject=		700	195	125	230	1250

Second Year		Marks				
Subject Code	Subject Title	Written	Oral	Practical	Formative	Total
D231	Medical & Surgical Nursing	100	50	100	50	300
D222	Pharmacology	100	20	-	30	150
D223	Nutrition and dietetics	100	30	20	50	200
D234	Community Health Nursing	100	30	20	50	200
D235	Pediatric Nursing	100	15	15	20	150
Total =		500	145	155	200	1000

Third Year		Marks				
Subject Code	Subject Title	Written	Oral	Practical	Formative	Total
D331	Midwifery	100	50	100	50	300
D332	Psychiatric Nursing	100	20	-	30	150
D333	Orthopedic Nursing	100	15	15	20	150
D334	Leadership and Management	100	20	-	30	150
D335	Research methodology	50	20	-	30	100
Total =		450	125	115	160	850

Examination System & Distribution of Marks:

- ❑ The regular final examination will be held in each academic year in December under the Bangladesh Nursing and Midwifery Council.
- ❑ Internal examinations will be conducted each institution and marks also send to the BNMC along with other formative marks.
- ❑ Internal and external examiner will be selected for examination by examination control committee.
- ❑ A student must pass in each subject of internal examination.
- ❑ A student must appear in each year final examination. In order to pass each year of the course overall, a student must pass in all subjects in that year. In order to pass a subject, she/ he must pass in each individual assessment area of that specific subject.
- ❑ Assessment area includes written and/or oral and/or practical/formative/clinical of that specific subject.
- ❑ **Pass mark:** 60% marks must be obtained in written, oral, practical and clinical examination of each subject. If a student cannot secure pass mark in any assessment areas of a subject, maximum 2 (two) mark will be allowed to makeup from another assessment area of same subject.
- ❑ There will be provision of giving 1 to 10 positions on the merit basis of final examination. The score may be converted into CGPA on the transcript.
- ❑ Final result will be published within 03 (three) months.
- ❑ The student who fails (obtains less than 60%) in any part of the subject(s), she/he will appear in the re-take exam within 45 days after publication of final result.
- ❑ If a student fails in the first year exam, she/he will get maximum three chances for passing the examination of that year. She/he may attend 2nd year classes but will not be allowed to appear in the 2nd year final exam, until she/he passes all subjects of 1st year. The same rule is applicable for 2nd year and 3rd year.
- ❑ If a student fails at 03(three) times, then the student could appear with the special permission from the Registrar of BNMC for 04 (four) times final examination.
- ❑ All assessment will be conducted according to set criteria. If any question arises, the examination committee will resolve that.
- ❑ Examination committee to be formed before each year final exam to conduct examination.
- ❑ All examinations will be governed by the existing rules of the BNMC.

Questions for examination

There are variations in question paper of written examination depending on the weight of a subject.

The pattern of question is designed below:

- i. Essay Question (EQ)
- ii. Short Question (SQ)
- iii. Multiple Choice of questions (MCQ) & Best Answer Questions

Methods of assessment

Method of assessment will be both formative and summative as specified in the curriculum

Formative assessment

- i. Marks obtained in formative assessment will be added to the written mark in each subject during tabulation.
- ii. Marks obtained in the formative assessment will be written in the prescribed mark sheet and should be recorded properly in the record book.
- iii. Formative marks will be submitted to the convener of the subject on the day of oral & practical examination.
- iv. During the oral & practical examination, formative marks will be shown to the external examiner. Both examiners will sign the mark sheet.
- v. After completion of the examination, the convener of the subject will send these marks to the BNMC.

Summative assessment

- Summative assessment consists of written, oral and practical.
- Written examination consists of: MCQ, SQ and EQ

Duration of Examination Hours:

Examination hours for written paper will be allocated as follows:

1. For 50 marks : 2.00 hours.
2. For 100 marks: 3.00 hours

Multiple choice questions (MCQ) and best answer questions:

1. Multiple choice questions (MCQ) and best answer questions

- i. Number of item: 10 MCQ and 10 best answer questions for each subject for 100 marks and 10 MCQ for 50 marks (Research Methodology).
- ii. Time allocation: 20 minutes for 20 questions.
- iii. **Type of questions:** Multiple True/False type and best answer types.
questions of quiz or class test should be based on:
 - a. Recall type = 70%,
 - b. Analytical = 30%
- iv. Pattern of questions: Each question will have one stem with five (5) alternatives in case of MCQ and one stem with (four) 4 alternatives in case of best answer question.
- v. Marks: Each question will carry one mark where each alternative will carry 0.2 marks in case of MCQ and in case of best answer one question will carry (one) 1 mark.
- vi. In case of MCQ the ratio of true false in alternatives will be 3:2 or 2:3.

- vii. MCQ and best answer question will be divided into two groups- group A and group B. Each group will contain (five) 5 MCQ and (five) 5 best answer questions.
- viii. Key answers of the MCQ and best answer questions for each group will be supplied to the script examiners separately.
- ix. MCQ and best answer question examination will be taken within the first 20 minutes of the written examination.
- x. No negative marks will be given for wrong answer.
- xi. Marks of MCQ, best answer questions, SAQ & EQ of a particular group should be sent together in the same envelop to the Registrar of BNMC.
- xii. If there is fraction mark 0.5 or over will be considered as 1. If the mark is below 0.5 it will not be counted.

For 50 marks:

Multiple Choice Questions (MCQ):

- 10 marks are distributed as 5 marks for Group-A and 5 marks for Group-B

Short Question (SQ):

- 20 marks are distributed as 10 marks for Group-A and 10 marks for Group-B.
- Students have to answer 02 questions out of 03 in Group-A & same as Group-B.
- Each question will carry 5 marks having sub- questions.
- Types of question: questions of quiz or class test should be based on:
 - a. Recall type = 70%,
 - b. Analytical = 30%

Essay Question (EQ):

- 20 marks are distributed as 10 marks for Group-A and 10 marks for Group-B
- Students have to answer 01 question out of 02 in Group-A & same as Group-B
- Each question will carry 10 marks having no sub- questions.

For 100 marks:

Multiple Choice Question (MCQ) and best answer question:

- 20 marks are distributed as 10 marks for Group-A and 10 marks for Group-B

Short Question (SQ):

- 40 marks are distributed as 20 marks for Group-A and 20 marks for Group-B
- Student has to answer 04 SQ out of 06 in Group-A & same as Group-B
- Each question will carry 5 marks having sub- questions.
- Types of question: questions of quiz or class test should be based on:
 - a. Recall type = 70%,
 - b. Analytical = 30%

Essay Question (EQ):

- 40 marks are distributed as 20 marks for Group-A and 20 marks for Group-B
- Student has to answer 02 EQ out of 03 in Group-A & same as Group-B
- Each question will carry 10 marks having no sub- questions

Formative Assessment:

In-course assessment

1. Class attendance 80% & practical attendance 85%.
2. **Type of assessment:** Each individual course may have different types of assignment. It may include case study, report, notes, written paper presentation, nursing care plan and health education plan.
3. **Number of assignment:** The number of assignment will be according to the guide line provided in the syllabus.
4. **Marks:** Marks for each assignment is specified in examination system.
5. **Time:** At least 4-6 weeks will be allocated for submission of an assignment for each individual course, depending on the nature of assignment. In-course assignment of all courses should not be handed to the students at a time as it will create a great deal of pressure on them.
6. For rewriting the assignment, there will be a provision for continuous guidance and clear written guidelines and instructions by subject teachers.
7. **Date of submission:** A student must submit the assignment before cutoff date. If any student fails to submit the assignment in time she/he will get 7 days to submit the assignment but she/he has to give justification for the delaying.
8. **Word limits:** Number of total words for written assignment to be decided by the subject teacher.
9. Formative assessment mark sheet must be signed by the external examiner.
10. All Nursing Institutions have to send internal examination marks sheet to the BNMC.

Quiz or Class Test

- i. Number of class test or quiz: At least two class tests or quizzes will be conducted in each individual subject in an academic year.
- ii. Number of questions: Depends upon the subject content of the syllabus.
- iii. Marks: The total mark is 25. The obtained marks will be converted into percentage and then graded accordingly.
- iv. Time: Time will be allocated according to types / nature of questions.
- v. Types of question: questions of quiz or class test should be based on:
 - a. Recall type = 70%,
 - b. Analytical = 30%

Marks distribution of formative assessment:

Formative assessment

1. 20 Mark is allocated for Microbiology, Computer & Information Technology, Pediatric Nursing and Orthopedic Nursing.

20 marks will be divided as follows:

Class attendance	= 2 ($\geq 80\%$)
Practical attendance	= 2 ($\geq 85\%$)
Class test examinations	= 8
Quiz/assignment/field visit/report & presentation	= 8
Total = 20	

2. 30 Mark is allocated for Behavioral Science, Basic Science, Psychiatric Nursing, Pharmacology, Communicative English, Leadership & Management and Research Methodology.

Class attendance	= 2 ($\geq 80\%$)
Practical attendance	= 2 ($\geq 85\%$)
Class test examinations	= 12
Field visit/assignment & presentation/report writing	= 14
Total = 30	

3. 50 Mark is allocated for Anatomy and physiology, Fundamentals of Nursing, Medical & Surgical Nursing, Nutrition and Dietetics, Community Health Nursing and Midwifery.

50 mark of formative assessment will be divided as follows:

Class attendance	= 2 ($\geq 80\%$)
Practical attendance	= 2 ($\geq 85\%$)
Class test examinations	= 22
Case study/assignment & presentation/food fair/ <u>Quiz/poster presentation/field Visit/report</u>	= 24

Total = 50

Oral or/and Practical

- i. Oral and practical examination will be conducted by internal and external examiners.
- ii. Oral and practical examination will be conducted together after written examination.
- iii. Student must pass oral and practical examination separately.
- iv. Number of Examinee for each day: Student should not be more than 20.
- v. Allocation of marks for each question: depend on types of questions.
 - i. Both the examiners will give marks separately for all questions answered, both the examiners mark will be added and find out the mean/average marks.
 - ii. Student must get 60% mark as pass mark.

For oral & practical examination:

1. In case of oral examination
 - Question should be structural oral examination (SOE).
 - Question will arrange in several boxes accordingly.
 - Each SOE will carry 5 marks.
Example: 4 Question will be picked up from 4 boxes. (4x5=20)
2. In case of practical examination
 - Procedures.
 - For evaluation of procedure a check list should be used.
 - Each procedure will carry 10 marks.
Example: 1x10=10
2x10=20
 - In case of 15 marks, this should be 2 procedures.

Examination Committee

Examination Committee

Examination will be conducted by BNMC according to Bangladesh Nursing and Midwifery Examination Guideline.

1. The examination control committee will be formed according to BNMC examination guideline.
2. (i) By virtue of the post, head of the concerned Nursing Institute/college will be the Center In-charge selected by BNMC.
(ii) Respective subject teacher or coordinator will be the convener of the examination selected by BNMC.
(iii) The Internal and External examiner of each subject will be selected by BNMC
(iv) Question setter, moderator, script examiner and tabulator will be selected by the Examination Control Committee of BNMC.
(v) The final examination result will be published by the Examination Control Committee of BNMC.

Unit distribution from syllabus for A & B group question script

Group-A	Group-B
D111: Behavioral Science	
Unit- 1,2,3,4,5,6,11,12,13,14,18	Unit- 7,8,9,10,15,16,17,19
D112: Basic Science	
Unit-1,2,3,4,5,17,18, 20, 21,22	Unit- 6,7,8,9,10,11,12,13,14,15,16,19,20
D123: Anatomy and Physiology	
Questions should be on structural based (Anatomy)	Questions should be on functional based (Physiology)
D123: Microbiology and Parasitology	
Unit-1,2,3,4,6,11,12	Unit- 5,7,8,9,10
D135: Fundamentals of Nursing	
Unit- 1,2,3,4,19,20,21,22,23,24,25,26,27,28,29,	Unit- 5,6,7,8,10,11,12,13,14,15,16,17,18,30,31,32,33
D231: Medical & Surgical Nursing	
Unit-1,2,3,5,7,8,9,11,12,14,16,	Unit-17,18,19,20,21,22,24,25,26,28,29
D222: Pharmacology	
Unit-1,2,3,4,5,6,7,8	Unit-9,10,11,12,13,14,15,16
D223: Nutrition and Dietetics	
Unit-1,2,3,4,12,	Unit- 6,8,9,11
D234: Community Health Nursing	
Unit-1,2,3,4,5,6,7	Unit-8, 9,10,11,12
D235: Pediatric Nursing	
Unit-1,2,3,4,5,9	Unit-6,7,8,10,11,12,13
D331: Midwifery	
Unit- 1,2,3,4,5,6,7,8,9,10,1,12,13,14,18,20,27,28,29,30,31, 32,33	Unit-15,16,17,19,22,23,24,25,26,34,35,36,37, 38
D332: Psychiatric Nursing	
Unit-1,2,3,4	Unit- 5,6,7
D333: Orthopedic Nursing	
Unit-1,2,3,4,6,8,9,11,	Unit- 12,13,14,15,16,17,19,20
D334: Leadership and Management	
Unit-1,2,3,4, 5, 9	Unit- 6, 7, 8, 10,11,12
D335: Research Methodology	
Unit-1,2,3,4	Unit-5,6,7,8,9

Annex-I

Master Plan: Diploma in Nursing Science and Midwifery Programme

Year 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25-26
T	T	T	T	T	T	T	T	L	L	T	T	T	T	L	CP	CP	CP	CP	T	T	L	L	T	School Break
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51-52
T	T	CP	CP	CP	CP	T	L	CP	CP	CP	CP	T	T	Review	Test Exam	Test Exam	T	L	T	T	Study leave	BNMC Exam		School Break

T = Theory, L= Lab, CP = Clinical Practice

(Theory = 23 wks × 36 hrs= 828 hrs, Lab = 7 wks × 36 hrs = 252 hrs, CP = 12 wks × 48 hrs = 576 hrs)

Master Plan: Diploma in Nursing Science and Midwifery Programme

3rd year

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25-26
T	T	T	T	CP	CP	CP	CP	T	T	L	L	CP	CP	CP	CP	T	T	CP	CP	CP	CP	T	T	School Break
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49-50	51-52	
T	T	CP	CP	CP	CP	CP	CP	T	T	CP	CP	T	T	Review	Test Exam	Test Exam	T	L	L	T	Study leave	BNMC Exam		

T=Theory, L= Lab, CP=Clinical Practice

(Theory = 18 wks × 36 hrs =648 hrs, Lab= 4 wks × 36hrs =144 hrs, CP = 20 wks × 48hrs =960hrs)

Result conversion to GPA Grade Grade & Grade points

Grades & Grade points will be awarded on the basis of marks obtained in the written, oral and practical examinations according to the following scheme:

Marks obtained (%)	Grade	Grade Point
80% - 100%	A+	4
75% - 79%	A	3.75
70% - 74%	A-	3.50
65% - 69%	B+	3.25
60% - 64%	B	3.00
Less than 60%	F	0

Annex-III

Marking Criteria for written assignment / oral presentation / poster/ booklet should be as follows:

Criteria for written assignment	Criteria for oral Presentation	Criteria for Poster	Criteria for Report
Accuracy – 50%	Audibility – 20%	Appearance – 20%	Appearance– 10%
Clarity– 20%	Use of Visual Aids– 20%	Illustration of ideas – 20%	Organization – 10%
Structure – 10%	Time Keeping – 20%	Flow & Sequence– 20%	Accuracy – 50%
Critical ability– 10%	Body Language – 20%	Balance of words & Images– 20%	Presentation of data – 10%
Originality– 10%	Audience Involvement – 20%	Heading – 20%	Originality– 10%
	-	-	Logical progression – 10%

**Nursing Institute Sample of
Marking Sheet for Oral presentation/ conversation**

Subject: English

Total Marks: 20

Date:

Roll. No,	Fluency 5	Vocabulary 5	Grammatical Correctness 5	Content 5	Total 20

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