

Draft

**GUIDELINES ON EXAMINATION SYSTEM
FOR
DIPLOMA IN NURSING SCIENCE AND MIDWIFERY
Based on Curriculum 2006**

Bangladesh Nursing Council, Dhaka
2010

PREFACE

For the effective implementation of the newly revised curriculum for Diploma in Nursing Science and Midwifery it is essential to have Guidelines on examination system, which will help to implement the syllabus properly. It is expected that this document will guide, direct and facilitate the policy makers, nurse administrators, nurse teachers and the students to achieve the goal of nursing education and practices successfully.

A workshop was held to complete this document by a Core-team and nurse teachers from different Nursing Institutes with the collaboration of The Directorate of Nursing Services. The Bangladesh Nursing Council has constantly supervised the process of development of this document.

I would like to extend my sincere appreciation to the team for their hard work.

Sd.
Registrar
Bangladesh Nursing Council, Dhaka.

Preface

for

Review and Modification

During the implementation phase of the newly revised curriculum of Diploma in Nursing Science and Midwifery it is noticed that there are some anomalies specially in the assessment part of the Draft Guidelines. In response to that a Workshop held from April 5 to 8, and 11 to 13, 2010 for review and modification of the Draft Guidelines and Assessment System with the collaboration of The Directorate of Nursing Services and WHO, Bangladesh. A working committee reviewed the whole document and made modification as needed. A committee of resource persons has consistently supervised the whole process of review and modification of the document. It is hoped that the revised Draft Guidelines will serve the purpose of implementation of the newly revised curriculum of Diploma in Nursing Science and Midwifery smoothly.

I would like to extend my sincere appreciation to the team for their hard work.

Registrar
Bangladesh Nursing Council, Dhaka
Dated: April 13, 2010

Guidelines on Diploma in Nursing Science & Midwifery

1. Name of Degree awarded: Diploma in Nursing Science & Midwifery.
2. Duration of the Course: Diploma in Nursing Science & Midwifery will be of 3 years duration and will comprise of courses as specified in the syllabus laid down from time to time.
3. A student has to be registered with Bangladesh Nursing Council within three months of admission.
4. Student's registration will be valid for 6 years.

Qualifications for admission into the Diploma in Nursing Science & Midwifery Course.

1. The Applicant who meets the following criteria will be eligible to enter into the Diploma in Nursing Science & Midwifery **Course**.
2. **Entry qualification:** The applicants must have passed both SSC & HSC or equivalent Examinations from any groups preferably Science from any Board of Intermediate and Secondary Education or any other board of Bangladesh. The Applicants must have GPA not less than 2.5 in either SSC or HSC examination.
 - i. The candidates will apply within 3 (three) years of passing HSC or equivalent Examination.
 - ii. Medical (physical & mental) fitness will be essential before admission.
 - iii. Student will be single.
3. **Admission procedure:** Admission procedures will be formulated and conducted by the concerned authority as laid down in the curriculum.
4. Degree awarded: Diploma in Nursing Science & Midwifery. Certificate will be provided by the BNC.
5. On the successful completion of the degree, the student is required to take the BNC comprehensive examination for getting certificate and licensing as a registered nurse midwife.

Total Courses and Credits:

1. There are total 27 Courses (Subjects) and 110 Credits including Nurse Internship in the Diploma in Nursing Science & Midwifery Course, which is divided into 3 years and 6 semesters.
2. In each semester there are 2 examinations, one is **midterm** and another is **final** examination.

For conducting the examination effectively certain marks are allocated for each courses (See page 7 - 13), which will be converted into Grade Point and GPA following the guideline provided in the curriculum. The Grade ranges from A to D and F. D grade (Grade Point 1) is considered as **pass** but student has to get minimum grade point average (GPA) 2 for graduation. F grade is considered as **fail**.

Evaluation system

1. There will be three year (1st, 2nd and 3rd year) and 6 semesters. In each semester there are 2 examinations, **Midterm** and **Final Examination** and a variety of formative assessment (See examination system page 7 - 13).
2. After passing 6th semester in third year, students have to take a Nurse internship of a period of 6 weeks then they have to sit for BNC comprehensive examination for **certificate** and **licensing**.
3. If a student fails in any subject in midterm examination. S/he has to re-sit in that particular course after 15 days of publishing the result. During that period s/he has to be provided with additional classes and tutorials support to cope/pass in that course.
4. The student has to pass in each part of the course individually.

Students' eligibility to appear in the Midterm and Semester Final examination

1. A student will be eligible to appear in the Midterm and Semester Final Examination if s/he has fulfilled the following conditions:
 - i. Has attended no less than 80% of the minimum prescribed number of theory classes, 100% of clinical/field practice and demonstration sessions.
 - ii. Has got minimum of 50% raw score in the mid-term in each individual courses and minimum 'D' grade in each course individually in the semester final examination.
 - iii. For admitting in the following semester courses the student must pass all the courses in the previous semester final examination.
 - iv. If a student fails to attend in clinical practice part of any courses for any reason s/he has to make up the absent time during the school break.

Time limits for completion of Diploma in Nursing Science & Midwifery Course.

1. There are several points at which a student's progress may be detained.
 - i. Ideally three years will be required to complete the Diploma in Nursing Science and Midwifery course.
 - ii. A maximum of 6 years time is allowed to complete the full three years course. A student will not be awarded the Diploma if s/he does not successfully complete the course within this time limit.
 - iii. If students fail in any semester, they will get maximum **3** (three) successive chances to pass the examination. Regular examination will be considered as 1st chance, 2nd chance will be given after the school break period and 3rd chance will be given with the final regular examination of the next batch.
 - iv. If student fails in the 2nd chance, she will not be allowed to continue the classes with the 2nd semester. During the interim period student will be placed in the clinical areas.
 - v. In the First Year, students will not be placed for Night Shift. From 2nd year 2nd semester students will be placed for night shift and must be accompanied by Registered Nurse Midwife(RNM)
 - vi. The ratio of Day, Evening and Night shift will be 2:1:1 per week during clinical placement.
 - vii. If a student fails to attend the classes within one month (without any information) at the beginning of the course, her/his studentship will be cancelled automatically.
 - viii. If a student remains absent for more than 3 months at a time without information her/his studentship will be automatically terminated.

- ix. If a student remains absent up to 3 months with information she/he must show the legal documents for being absent. S/he can continue her/his training but require to fulfill the requirements to sit the examination.
- x. If a student remains absent for more than 3 months with information, concerned authority will place this case to the Academic council and the Academic council will take the action considering the circumstances.
- xi. The student will be informed of the rules and regulations of the course in the beginning of the course.

Academic Council:

Academic Council will be formed as follows:

1. Head of the concerned Hospital – Chairman
2. Nursing Superintendent/Deputy Nursing Superintendent – Member
3. One Guest Lecturer – Member
4. Senior Instructor – Member
5. Principal/Instructor Incharge – Member Secretary.

Procedure for Teaching and Placement in Clinical area:

1. There will be one teacher for each course and at least 2 co-teachers for each course where student intake is 25, and 4 co-teachers where student intake is 50 and accordingly (Student and teacher ratio will be 8 to 10 : 1 during clinical practice).
2. The student has to be divided into groups and placed in the clinical field along with the teacher for effective guidance of the students.
3. Rotation plan will be developed by the concerned subjects' teachers.
4. The subject teacher will strictly follow the rotation plan for each course as specified in the curriculum.

Examination Committee

1. Examination committee will be formed before each examination to conduct examination. Numbers of member will be determined by the Principal/Nursing Instructor Incharge of the Institute.
 - i. By virtue of the post, Principal/Nursing Instructor Incharge will be the chairperson of the examination committee.
 - ii. By virtue of the post, the Principal/Nursing Instructor Incharge of the Institute will be the center Incharge.
 - iii. Subject teacher of the respective courses will coordinate and act as Internal examiner during examination.
 - iv. The external examiner of each course will be decided by the examination committee of the Institute.
 - v. Questions setter, moderator, script examiner, tabulator will be decided by the examination committee.

Questions for examination

1. There are variations in question papers of written examination depending on the weight and credit of the course.

In written examination the question paper will usually be divided into two halves: group A and group B;

 - i. Each group will contain Multiple Choice Question (MCQ).
 - ii. Short Question (SQ).
 - iii. Essay Question (EQ).
 - iv. The subject teachers of each Institute will sit together to decide the content of group 'A' and 'B'. The questions of group A, MCQ & SQ and EQ will be developed from the contents of group A. In the same way Group B questions will be from the contents of group B.

Methods of assessment

1. Methods of assessment will be both formative and summative for theory as well as for practice as specified in the curriculum & examination system.
 - i. **Formative assessment**
 - a. **Theoretical part:** Formative assessment will be done during the course and will include a combination of class tests or quizzes and incourse assignment (see page 7 - 13).
 - b. **Practical part:** Formative assessment will include evaluation of clinical /field performance specified in the syllabus and as laid down in the curriculum.
 - Student will be assessed in the clinical area with teachers and ward incharge/nursing supervisors.
 - Student will be assessed in the community placement with subject teachers.
 - ii. **Summative assessment:**

Summative assessment will usually include written examination.

Duration of Examination:

As there are 8 to 9 courses in 1st year, one week (as specified in the curriculum) is not enough for conducting examination, more time will be required to complete the examination. This will be managed from the review week and the examination will be finished within due time.

Distribution of Marks: Distribution of mark is specified in page 7 - 13

Marks distribution in different Courses in each semester of each year:

First Year							
Semester 1				Semester 2			
Course	Formative	Summative	Total	Course	Formative	Summative	Total
D111: Social science	25	100	125	D123: Microbiology and Parasitology	50	100	150
D112: Psychology of Human Behavior	25	100	125	D124: Nutrition and Nutritional Support	50	100	150
D113: Chemistry & Physics	25	100	125	D125: Pathophysiology	25	100	125
D114: General Biology	25	100	125	D126: Biostatistics & Epidemiology	25	100	125
D115: English I 3(32/32/0)	50	100	150	D132: Introduction to Health Assessment	50	100	150
D116: Introduction to Computer	25	100	125	D133: Fundamental of Nursing	150	150	300
D121: Communication in Nursing	50	50	100	D134: Introduction to Nursing Inquiry	50	50	100
D122: Anatomy & Physiology	100	150	250	D135: Community Health Nursing I	50	100	150
D131: Introduction and Conceptual Bases of Nursing	50	100	150				
Second Year							
Semester 1				Semester 2			
Course	Formative	Summative	Total	Course	Formative	Summative	Total
D211: English II	50	100	150	D233: Adult nursing II	100	100	200
100D200221: Pharmacology	25	100	125	D235: Pediatric Nursing	100	100	200
D231: Community Nursing I	50	100	150	D236: Community Health Nursing III	100	100	200
D232: Adult Nursing I	100	100	200	D237: Basis of Gerontological Nursing	75	50	125
D234: Orthopedic Nursing	100	100	200	D238: Mental Health and Introduction to Psychiatric Nursing	75	50	125
Third Year							
Semester 1				Semester 2			
Course	Formative	Summative	Total	Course	Formative	Summative	Total
D311: English III	50	100	150	D333: Midwifery II	200	200	400
D331: Adult Nursing III	150	100	250	D334: Leadership and Management	50	100	150
D332: Midwifery I	200	200	400	D335: Nursing of Newborn	--	100	100
				D336: Research and Evidence Based Nursing	100	--	100
				D337: Nurse internship			

Assessment/Evaluation
Year 1, Semester 1.

D111: Social Science 2(32/0/0)		
Description	Weight	Marks
Midterm Examination	4	50
Final Examination	4	50
A written paper (1) and presentation (1) of the Topic 4: "Social movements and initiatives regarding emerging and reemerging health related issues in Bangladesh".	2	(15+10) = 25
	Total Wt: 10	Total Marks: 125
D112: Psychology of Human Behavior 2(32/0/0)		
Midterm Examination	3	50
Final Examination	3	50
Quiz*	1	10
* (One quiz test at the end the lecture can be taken place any day of the class schedule without informing students in advance)		
A written paper (Topic 5.2)	2	10
Presentation (Topic 5.2 and 6)	1	5
	Total Wt: 10	Total Marks: 125
D113: Chemistry and Physics 3(40/16/0)		
Midterm examination	3	50
Final Examination	3	50
Quiz (7)*	2	10
* There will be 7 Quiz; each quiz will be for 10 marks, i.e., 70 marks for 7 quizzes. The marks obtained will be converted for 10. For example, if a student gets 56 out of 70, then the marks will be converted for 10 as follows: $56 \div 70 \times 10 = 8$. Thus the student got 8 out of 10		
2 Reports of visits at the clinical setting and radiology department	2	(10+5)=15
	Total Wt: 10	Total Marks: 125
D114: General Biology 2(32/0/0)		
Midterm examination	4	50
Final Examination	4	50
A written paper of field observation (Group work)	2	25
	Total Wt: 10	Total Marks: 125
D115: English I 3(32/32/0)		
Midterm examination	3	50
Final Examination	3	50
Written Assignment (3). Number for each assignment = 10	3	30
Short English conversation (Group work)	1	20
	Total Wt: 10	Total Marks: 150
D116: Introduction to Computer 1(16/0/0)		
Midterm examination	4	50
Final Examination	4	50
Written Assignment	2	25
	Total Wt: 10	Total Marks: 125
D121: Communication in Nursing 2(16/32/0)		
Final Examination	5	50
Group Assignment (Paper, Poster of clinical visit)	2.5	25
Weekly notes (individual work)	2.5	25
	Total Wt: 10	Total Marks: 100
D122: Anatomy and Physiology 6(80/32/0)		
Midterm examination	3.5	50
Final Examination	3.5	100
Lab. & Quiz (6)*	3	100
* [Lab & Quiz 6= (1+1+1+1+1+1), Total Marks: 100=(20+16+16+16+16+16)]		
		Total Marks: 250
D131: Introduction and Conceptual Bases of Nursing 3(48/0/0)		
1. Midterm examination	3.5	50
2. Final Examination	3.5	50
3. Discussion and written self reflection	1.0	20
4. Group written papers and presentation	2.0	{(10+5)+(10+5)} = 30 [10 for written paper, 5 for presentation]
4.1. A paper on historical development and factors (1)		
4.2. A paper on nursing viewed by nurses or stakeholders (1)		
		Total Marks: 150

Year 1, Semester 2.

D123: Microbiology and Parasitology 3(40/16/0)		
Description	Weight	Marks
1. Midterm Examination	4.0	50
2. Final Examination	3.5	50
3. Lab. & Quiz (Lab. 1-3, 6)	1.0	20
4. A written report (Lab. 4, Group work)	1.0	20
5. A written report (Lab. 5, Group work)	0.5	10
	Total Wt: 10	Total Marks: 150
D124: Nutrition and Nutritional Support 3(40/16/0)		
1. Midterm Examination	3.5	50
2. Final Examination	3.5	50
3. Food diary (Topic 2, Individual work)	0.5	10
4. Group study and presentation	0.5	10
5. Lab. 1 (Individual work)	1.0	15
6. Lab. 2 (Group work)	1.0	15
	Total Wt: 10	Total Marks: 150
D125: Pathophysiology 3(48/0/0)		
1. Midterm Examination	4	50
2. Final Examination	4	50
3. Group assignment	2	25*
3.1. Group assignment 2 (Topic 3 and 6).		
3.2. Group assignment and presentation 2 (Topic 4.3 and 19)		
* (Each group assignment will carry 10 marks, and each group assignment and presentation will carry 15 marks. The total marks obtained will be converted for 25 marks.)		
	Total Wt: 10	Total Marks: 125
D126: Biostatistics & Epidemiology 2(32/0/0)		
1. Midterm Examination	4	50
2. Final Examination	4	50
3. Group assignment and Presentation	1	15
4. Individual assignment	1	10
	Total Wt: 10	Total Marks: 125
D132: Introduction to Health Assessment 2(32/0/0)		
1. Midterm Examination	3.5	50
2. Final Examination	3.5	50
3. Demonstrate history taking and physical examination	2.0	30
4. Health assessment report	1.0	20
	Total Wt: 10	Total Marks: 150
D133: Fundamental of Nursing 6(48/32/192)		
1. Midterm Examination	2.5	50
2. Final Examination	2.5	100
3. Nursing techniques in Lab.	1.5	40
4. Clinical practice	3.0	100
5. Nursing care plan	0.5	10
	Total Wt: 10	Total Marks: 300
D134: Introduction to Nursing Inquiry 1(16/0/0)		
1. Final Examination	5.0	50
2. Class participation	2.5	20
3. A self inquiry paper	2.5	30
	Total Wt: 10	Total Marks: 100
D135: Community Health Nursing I 2(32/0/0)		
1. A written paper with poster presentation or oral presentation	3.0	(15+15) = 30
1.1. A written paper PH Care policy (Weight 1.5)		
1.2. A paper on factors contributing to successful community oriented nursing (Weight 1.5)		
2. Quiz and group assignment (including discussion practice) in class	2.0	(10+10) = 20
3. Midterm Examination	2.5	50
4. Final Examination	2.5	50
	Total Wt: 10	Total Marks: 150

Year 2, Semester 1

D211: English II 3(32/32/0)		
Description	Weight	Marks
1. Midterm Examination	3	50
2. Final Examination	3	50
3. Written Assignment (3)	3	3X10=30
4. Oral presentation	1	20
	Total Wt: 10	Total Marks: 150
D221: Pharmacology 3(48/0/0)		
1. Quiz*	1	10
* There will be 5 Quizzes; each quiz will be for 10 marks, i.e., 50 marks for 5 quizzes. The marks obtained will be converted for 10. For example, if a student gets 35 out of 50, then the marks will be converted for 10 as follows: $35 \div 50 \times 10 = 7$. Thus the student got 7 out of 10		
2. Midterm Examination	4	50
3. Final Examination	4	50
4. A written Paper (group assignment)	1	15
	Total Wt: 10	Total Marks: 125
D231: Community Health Nursing II 3(32/0/96)		
Theory Part (Weight: 6)		
1. Midterm Examination	2.0	50
2. Final Examination	2.0	50
3. Individual Assignment	1.0	10
4. Group Assignment	1.0	10
Practice Part (Weight: 4)		
1. Clinical Performance	3.5	25*
* For clinical evaluation teacher can allocate marks for evaluation as needed depending on course requirements for example 50, 75, 100 or so on, but the marks will be converted for 25 marks in the same way as shown in for quizzes in Pharmacology course.		
2. Individual Health Teaching Plan	0.5	5
	Total Wt: 10	Total Marks: 150
D232: Adult Nursing I 3(24/0/144)		
Theory Part (Weight: 10)		
1. Midterm Examination	4	50
2. Final Examination	4	50
3. Quiz (Reading assignment)	2	10
Practice Part (Weight:10)		
1. Clinical Performance	7	75
2. Case study	2	10
3. Health Education Plan	1	5
	Total Wt: 20	Total Marks: 200
D 234: Orthopedic Nursing 4(32/0/192)		
Theory Part (Total Weight: 10)		
1. Midterm Examination	4.5	50
2. Final Examination	4.5	50
3. Written paper (analysis of case study)	1.0	10
Practice Part (Total Weight: 10)		
1. Clinical Performance evaluation	6.0	75
2. Case study	2.0	10
3. Health Education Lesson Plan (Individual work = 1, Group work = 1)	2.0	5*
* Note: Marks for individual work = 25 and for group works = 25. But the marks must be converted for 5 in the same way as shown in Quizzes for Pharmacology course.		
	Total Wt: 20	Total Marks: 200

Year 2, Semester 2

D233: Adult Nursing II 3(24/0/144)		
Description	Weight	Marks
Theory Part (Weight: 10)		
1. Midterm Examination	4	50
2. Final Examination	4	50
3. Quiz (Reading Assignment)	2	15*
* There are 4 quizzes each quiz will carry 10 marks. The obtained marks will be converted for 15		
Practice Part (Weight: 10)		
1. Clinical performance evaluation	8	75
2. Case study	2	10
	Total Wt: 20	Total Marks: 200
D235: Pediatric Nursing 5(48/0/192)		
Theory Part (Weight: 10)		
1. Midterm Examination	4.0	50
2. Final Examination	4.0	50
3. A play programme paper	2.0	5
Practice Part (Weight: 10)		
1. Clinical performance	7.0	75
2. A written case study	1.5	10
3. Play programme activity	1.5	10
	Total Wt: 20	Total Marks: 200
D236: Community Health Nursing III 3(32/0/96)		
Theory Part (Weight 10)		
1. Midterm Examination	3.5	50
2. Final Examination	3.5	50
3. Class participation	1.0	5
4. Written assignment	1.0	10
5. Presentation	1.0	10
Practice Part (Weight 10)		
1. Group project (School or community project)	4.0	50
2. Individual performance	4.0	15
3. Group report	2.0	10
	Total Wt: 20	Total Marks: 200
D237: Basis of Gerontological Nursing 2(16/0/96)		
Theory Part (Weight: 5)		
1. Final Examination	4.5	50
2. Group assignment	0.5	10
Practice Part (Weight: 5)		
1. Reflective paper and report of study visit	0.5	10
2. Clinical performance	3.5	40
3. A case study	0.5	10
4. Nursing Care Plan	0.5	5
	Total Wt: 10	Total Marks: 125
D238: Mental Health and Introduction to Psychiatric Nursing 2(16/0/96)		
Theory Part (Weight: 10)		
1. Final Examination	9	50
2. A written Health Education Project	1	5
Practice Part (Weight: 10)		
1. Clinical performance	7	40
2. A written case study	1	10
3. Health education	1	10
4. Self-analysis report	1	10
	Total Wt: 20	Total Marks: 125

Year 3, Semester 1

D311: English III 3(32/32/0)		
Description	Weight	Marks
1. Midterm Examination	3	50
2. Final Examination	3	50
3. Written Assignment (3)	3	3X10 = 30
4. Oral presentation	1	20
	Total Wt: 10	Total Marks: 150
D331: Adult Nursing III 6(48/0/288)		
Theory Part (Weight: 10)		
1. Midterm Examination	4.0	50
2. Final Examination	4.0	50
3. Quiz (Reading assignments, pretest) 3 * There are 3 quizzes each quiz will carry 10 marks. The obtained marks will be converted for 10	1.0	10*
4. Group discussion and presentation (6) * (There are 6 group discussions and presentation, each of which will carry 10 marks. The obtained marks will be converted for 10)	1.0	10*
Practice Part (Weight: 10)		
1. Clinical performance evaluation	7.0	100
2. Case study	2.0	15
3. Case conference	1.0	15
	Total Wt: 20	Total Marks: 250
D332: Midwifery I 8(64/0/384)		
Theory Part (Weight: 10)		
1. Quiz 1.1. Antenatal period (Weight 0.5) 1.2. Labor period (Weight 0.5) 1.3. Post-partum period & new born (Weight 0.5)	1.5	(5+5+5) = 15
2. Paper on analysis of a given situation	0.5	15
3. Midterm Examination	4.0	100
4. Final Examination	4.0	100
Practice Part (Weight: 10)		
1. Clinical performance evaluation 1.1. Antenatal care (Weight 2.5) 1.2. Labor (Weight 2.5) 1.3. Post-partum (Weight 2.5)	7.5	(50+50+50) = 150
2. Health education 2.1. Pregnant women (Weight 0.5) 2.2. Post-partum women (Weight 0.5)	1.0	(5+5) = 10
3. Nursing Care Plan 3.1. A healthy woman (Weight 0.5) 3.2. Pregnant woman during labor (Weight 0.5) 3.3. Woman in post-partum phase with normal delivery (Weight 0.5)	1.5	(3+3+4) = 10
	Total Wt: 20	Total Marks: 400
Note: Student need practice:		
1. Antenatal assessment (10 cases)		
2. Normal delivery assistant (10 cases)		

Year 3, Semester 2

D333: Midwifery II 8(64/0/384)		
Description	Weight	Marks
Theory Part (Weight: 10)		
1. Quiz	1.5	(5+5+5) = 15
1.1. Antenatal period (Weight 0.5)		
1.2. Labor period (Weight 0.5)		
1.3. Post-partum period & new born (Weight 0.5)		
2. Paper on analysis of a given situation	0.5	15
3. Midterm Examination	4.0	100
4. Final Examination	4.0	100
Practice Part (Weight: 10)		
1. Clinical performance evaluation	7.5	(50+50+50) = 150
1.1. Antenatal care (Weight 2.5)		
1.2. Labor (Weight 2.5)		
1.3. Post-partum (Weight 2.5)		
2. Health Education	1.0	(5+5) = 10
2.1. Pregnant woman (Weight 0.5)		
2.2. Post-partum woman (Weight 0.5)		
3. Nursing Care Plan	1.5	10
	Total Wt: 20	Total Marks: 400
D334: Leadership and Management 2(16/0/96)		
Theory Part (Weight: 5)		
1. Midterm Examination	2	50
2. Final Examination	2	50
3. Individual Assignment (2 Papers)	1	(5+5)=10
Practice Part (Weight: 5)		
1. Clinical performance evaluation	4	30
2. Reflective journal	1	10
	Total Wt: 10	Total Marks: 150
D335: Nursing of Newborns 2(32/0/0)		
1. Midterm Examination	5	50
2. Final Examination	5	50
	Total Wt: 10	Total Marks: 100
D336: Research and Evidence Based Nursing 1(16/0/0)		
1. Final Examination	8	50
2. Written Paper (Group work on Topic 3)	1	30
3. Presentation of a paper (Group work)	1	20
	Total Wt: 10	Total Marks: 100
D337: Nurse Internship 3(0/0/288)		
1. Clinical Performance Evaluation	10	100
	Total Wt: 10	Total Marks: 100

N.B: The examination and all other assessments will be done following the above mentioned mark (Raw score) distribution pattern, however, using these raw scores, marks will be converted into grade point using the formula specified in the Curriculum

Examination system based on Diploma in Nursing Science and Midwifery Curriculum 2006

There are total 27 Courses in the Diploma in Nursing Science and Midwifery program. These courses are grouped under three headings; (i) General courses (ii) Foundation courses and (iii) Professional courses. General courses consist of six courses: Social science, Psychology of human behaviors, Chemistry and Physics, General Biology, English and Introduction to Computers. Foundation courses contain seven courses: Communication in Nursing, Anatomy and Physiology, Microbiology and Parasitology, Nutrition and Nutritional Support, Pathophysiology, Biostatistics and Epidemiology and Pharmacology. Professional courses consist of 14 courses namely Introduction and conceptual bases of nursing, Introduction to health assessment, Fundamentals of Nursing, Introduction to nursing inquiry, Community health nursing, Adult nursing, Orthopedic nursing, Pediatric nursing, Basis of Gerontological nursing, Mental health and Introduction to Psychiatric Nursing, Midwifery, Leadership and Management, Nursing of newborn, Research and Evidence Based Nursing followed by Nurse Internship. The courses will be assessed as laid down in the syllabus.

In the three-year diploma course, each year is divided into two semesters for effective implementation of the curriculum. In each semester there will be a written mid-term examination and a final examination for individual courses except Basis of Gerontological nursing, Communication in nursing, Mental health and Psychiatric nursing, Introduction to Nursing Inquiry and Research and evidence based nursing, which have only final examination. All the examinations will be conducted in each Institute following the Guidelines. Student must involve in the clinical practice according to rotation plan as mentioned in the curriculum.

Methods of assessment

Methods of assessment will be both formative and summative as specified in the curriculum and syllabus.

Written Examination (Midterm & Final)

The questions for midterm & final exam will be multiple choice question (MCQ), Short questions (SQ) & Essay question (EQ)

Pattern of questions in written examinations in Diploma in Nursing Science & Midwifery Program will be as follows:

Multiple choice question (MCQ)

1. **Number of item:** 20 MCQ for each course which carry 100 marks and 10 MCQ for the courses which carry 50 marks.
2. **Time allocation:** 1 minute for each question.
3. **Pattern of question:** For MCQ each question will have one stem with four (4) alternatives (options) with one correct / best answer
4. Questions of MCQ should be based on:

Recall type	= 70%
Understanding or data interpretation type	= 30%
5. MCQ will be divided into two groups- group A and group B. number of questions & marks will be equally divided into group A & group B. Two separate pages will be used for two groups.
6. **Marks allocation:** Each question will carry 1 mark
7. MCQ examination will be taken at the beginning of the written examination.

Short question (SQ) & Essay question (EQ):

- a) SQ & EQ will contain rest of the marks of written examination and
- b) **Short Question (SQ):** Each SQ will carry 5 marks and it will have 2 to 3 stems/sub-questions, having marks ranges from 1 to 3.
- c) **Essay Question (EQ):** Each EQ will carry 10 marks having no stem or sub-questions.

Types of question:

Recall type	70%
Analytical	30%

Number of questions: For 50 marks student have to answer 2 SQ out of 3 and 1 EQ out of 2 in each group and for 100 marks 4 SQ out of 5 and 2 EQ out of 3 respectively.

1. The answer script will be examined by two assessors for each course. The course teacher will be the internal examiner and the external examiner will be selected from the faculty members by the Examination committee of the institute.
2. In written examination, the internal examiner will examine the answer script of group A and external examiner will examine the answer script of group B.
3. The marks of group A and group B will be added together in a prescribed mark sheet and signed by the both examiners.

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.

Formative Assessment:

Quiz:

1. **Number of quiz:** Quiz test will be taken according to the guideline of the syllabus and number of quiz depends on marks allocated in each course for quiz.
2. **Marks:** each item/question of the quiz carry 1.0 mark. The obtained mark will be recorded and converted to Grade point.
3. **Time:** Time is allocated according to number and type of quiz.
4. **Type of questions:** Questions of quiz should be based on: -
 - a) Recall type : 70%
 - b) Understanding or data interpretation type : 30%

In-course assignment:

1. **Number of in-course assignment:** The number of assignment will be according to the guide line provided in the syllabus.
2. **Type of assignment:** Each individual course may have different types of assignment. It may include case study, case conference, report, notes, diary, written paper presentation, nursing care plan, health teaching plan etc.
3. **Marks:** Marks for each assignment is specified in examination system module.
4. **Time:** At least 4-6 weeks will be allocated for completing 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. The faculty will negotiate among themselves in this regard.
5. For minimizing rewriting there will be a provision for continuous guidance and clear written guide line and instructions about assignment.
6. **Date of submission:** 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 apply with justification before cutoff day and 2% marks will be deducted from the marks obtained.
7. **Word limits:** Number of total words for written assignment to be decided by the concerned faculty.

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%

Marks of formative assessment

1. Marks obtained in the formative assessment will be converted into Grade point.
2. Marks obtained in the formative assessment will be written in the prescribed mark sheet and also will be recorded properly in record book.

Results & Records:

To make tabulation sheet, concerned teachers need to prepare the work sheet of each individual course (Example 1 & 2).

The prepared worksheet is recorded in a register book as permanent document. Tabulation sheet will be developed from worksheet and mark sheet will be developed from tabulation sheet. Student's results will be published in semester wise and grade wise (Example 3).

Example:1

D111: Social Science 2(32/0/0)

Roll. No.	Student's name	Midterm Exam. (50)				Final Exam. (50)				Written paper & Presentation (25)				Total Score	Total Weight	Grade Point (Total score/Total Weight)	Grade
		Raw score	%	Weight	% X Weight	Raw score	%	Weight	% X Weight	Raw score	%	Weight	% X Weight				
1	Ms. X	42	84	4	336	45	90	4	360	18	72	2	144	840	10	84	A
2	Ms. Y	46	92	4	368	38	76	4	304	15	60	2	120	792	10	79.2	B
3	Ms. Z	35	70	4	280	40	80	4	320	16	64	2	128	728	10	72.8	B

Example:2

D112: Psychology of Human Behavior 2(32/0/0)

Roll. No.	Student's name	Midterm Exam. (50)				Final Exam. (50)				Quiz (10)				Written paper (10)				Presentation (5)				Total Score	Total Weight	Grade Point (Total score/Total Weight)	Grade
		Raw score	%	Weight	% X Weight	Raw score	%	Weight	% X Weight	Raw score	%	Weight	% X Weight	Raw score	%	Weight	% X Weight	Raw score	%	Weight	% X Weight				
1	Ms. X	35	70	3	210	45	90	3	270	8	80	1	80	9	90	2	180	4	80	1	80	820	10	82	A
2	Ms. Y	40	80	3	240	43	86	3	258	6	60	1	60	7	70	2	140	3	60	1	60	758	10	75.8	B
3	Ms. Z	38	76	3	228	38	76	3	228	5	50	1	50	6	60	2	120	3	60	1	60	686	10	68.6	C

Example 3

Result Sheet
Year 1, Semester 1

Roll. No.	Student's name	D111: Social Science	D112: Psychology of Human Behavior	D113: Chemistry & Physics	D114: General Biology	D115: English I	D116: Introduction to Computer	D121: Communication in Nursing	D122: Anatomy & Physiology	D131: Introduction and Conceptual Bases of Nursing	Remarks
1	Ms. X	A	D	B	B	A	C	C	A	B	PASS
2	Ms. Y	B	B	A	C	C	D	A	B	B	PASS
3	Ms. Z	B	B	B	C	F	B	C	C	B	Failed in D115: English I
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Sample Questions for Written Examination

3rd year Final examination.

Course: Midwifery I

- MCQ: 1.** The nurse is caring for a woman who is admitted to the hospital in active labor. What information is most important for the nurse to assess to avoid respiratory complications during labor and delivery? 1
- a. Family history of lung disease
 - b. Food or drug allergy
 - c. Personal history of lung disease *
 - d. Number of cigarettes smoked daily

Short Question (SQ):

- 1. a) List five risk factors during pregnancy? 2
- b) What are the common discomforts felt by a pregnant mother during third trimester? 1
- c) Write down the complication of delayed labour? 2
- What is maternal mortality? 2
- 2. a) 2
- b) List five main causes of maternal mortality in Bangladesh? 2
- c) What is the maternal mortality rate in Bangladesh? 1

Essay Question (EQ):

- 1. A pregnant woman has come first time to the antenatal OPD with 5-month pregnancy. Briefly point out what antenatal advice is required for her. 10
- 2. Mrs. Rina 35 years of age, working in a private bank, missed her menstrual period for last 2 months. She has family history of high blood pressure, and history of two miscarriages. Prepare an antenatal care plan for her. 10

2nd Year Final examination.

Course: Adult Nursing - I

MCQ

1. An adult has been taking Tab. Aspirin 650 mg four times a day for chronic back pain. The nurse assessing this client knows that the common side effects of high doses of aspirin are: 1
 - a. Renal failure
 - b. Retinal detachment
 - c. Gastro-intestinal bleeding*
 - d. Paralytic ileus

2. A 42-year old woman has just returned to her room after having a cholecystectomy. She has patient-controlled analgesia (PCA). To reduce anxiety regarding receiving adequate pain relief, the client was most likely to told: 1
 - a. PCA is almost always effective.
 - b. Additional I.M. medication will be available
 - c. Most therapies are better than frequent I.M. injection.
 - d. Immediate pain relieving measure will be taken when the patient requests. *

3. A 63-year old woman is hospitalized for the treatment of gastroenteritis complicated by dehydration and hyponatremia. The nurse expects that the early symptoms of hyponatremia exhibited by client are – 1
 - a. ataxia
 - b. hunger
 - c. muscle cramps *
 - d. weakness

Short Question (SQ):

1. a. What is the usual way a person contracts hepatitis “B” virus? 1
- b. How will you identify a patient with ketoacidosis? 2
- c. Write the major sign symptoms of Hypothyroidism. 2

Essay Question (EQ):

1. Describe the nursing management of a client with acute renal failure. 10
2. Explain the immediate management of Hypoglycaemia. 10
3. What advise will you give a patient with insulin dependent diabetes? 10

1st Year Final examination.

Course: Fundamentals of Nursing

- MCQ: 1** A nurse is caring for a client who has a temperature of 105⁰F. The physician orders the application of cooling blanket. The nurse should know that which of the following statements are true about the use of a cooling blanket? 1
- a. cold application will increase the metabolic rate.
 - b. cold application will decrease the metabolic rate *.
 - c. vital signs should be monitored every eight hours.
 - d. skin hygiene and protection of body surface areas are essential

Short Question (SQ):

- 1. a) Write five the common disorders of urinary system occurring in Bangladesh? 2
- b) What are the cardinal sign and symptoms of acute glomerulo nephritis? 1
- c) What is the aetiology of acute renal failure? 2

Essay Question (EQ):

- 1. Describe how will you prepare a 60-year old female patient for I.M. injection in gluteus muscle? 10
- 2. A 6 years old boy comes to hospital with swelling of whole body, scanty micturation and abdominal discomfort. He had similar type of problems one year back. He diagnosed as nephritic syndrome. What nursing management should be given to him? 10
- 3. A 50 years old hypertensive (160/100 mm of Hg) patient presented with recurrent chest pain and ECG shows Inferior Myocardial Ischaemia. Which nursing advice you provide for him? Or What nursing measures will you provide to him. 10

Subject: English

Some Sample Questions for Oral presentation/conversation (Depending on the Content of syllabus)

- a) Course related:
1. Functions of digestive system.
 2. Government responsibilities of health care.
 3. Chemotherapy and immunization.
 4. Food preservation.
 5. Computer fundamentals.
 6. Holistic nursing.
 7. Responsibilities of first aiders.
 8. Personality development.
 9. Fundamental elements of nurse-client relationship.
 10. Way to become a good nurse.
 11. Barriers to the development of interpersonal relationship.
 12. Most common life threatening emergencies - acute respiratory failure, shock, unconsciousness, bleeding, poisoning, burn.
 13. Food hygiene.
 14. Sterilization.
 15. Disease transmission.
 16. Malnutrition.
- b) General knowledge:
1. Discuss the factors that affect people to have more or less children in your country.
 2. Process of taking a job in your country.
 3. Describe a traditional dish in your country. What are the ingredients in it?
 4. Describe an important festival. What do people do then?
 5. Why do people play games?
 6. What is the process of obtaining a passport in your country?
 7. What does government do in case of disasters? What should they do?
 8. What do you know about global warming? What is green house effect?

1. Future plan: a) What is your plan? b) Why did you choose it? c) How will this help you in your future? d) What can you do for your country by this?	2. Clothes: 2 What kinds of cloth do you like? 3 Why do you prefer such clothing? 4 Tell me something about your traditional clothes. 5 What is the importance of traditional clothes?
3. Food: a) What type of food do you like? b) Why do you like this type of food? c) Can you cook these foods? d) What is the difference between Bangladeshi food and fast food?	4. Traveling: a) Do you travel? b) What do you like to do when you go to a new place? c) Do you like to travel with your friends or family? Why?
5. Friendship: a) Do you believe in friendship? b) How is friendship helpful? c) What is the difference between child friendship and adult friendship? d) What are the drawbacks of friendship?	6. Home district: a) Where is your home district? b) How often do you go there? c) What is the main transportation of your home district? d) What are the drawbacks of your home district? e) What are the positive sides of your home district?
7. Friendship: a) Do you like friendship? b) Why do you like it? c) How many friends do you have? d) What do you do with your friends?	8. Disease: a) What is most common disease in your country? b) What are the causes? c) How can we prevent this?
9. House: a) Do you live in a house or an apartment? b) What are things outside or around your house or apartment? c) What do you have inside it? d) How much do you like to stay in it? Why?	10. Exercise: a) What is the importance of exercise? b) Is it necessary for both men and women? c) Do you prefer exercising? d) Why or why not?
11. School: a) Describe the school you attended. b) What was the school like? c) Where is it situated? d) How were you benefited from the school?	12. Mobile phone: a) What is it? b) How long have you using it? c) What is its importance? d) What are the drawbacks of mobile phone?
13. Florence Nightingale: a) Who was Florence Nightingale? b) When and where was she born? c) Why did she become a nurse? d) What lesson do you learn from her?	14. Maternal death: a) What are the major causes of maternal death? b) How can it be prevented? c) What role can you play to prevent it?
15. Nursing as profession: a) Who is a nurse? b) What are your views towards Nursing as profession?	16. Festival: a) Mention some festivals of your country. b) Which one is your favorite? c) How do you celebrate this day? d) What is its importance
17. News paper: a) Describe the newspaper or magazine that you normally read? b) Why do you read that particular one? c) What are your favorite articles? d) What part of the newspaper or magazine do you find the most useful?	18. Seasons: a) Name the seasons of your country. b) Do you have all type of food for all seasons? c) Describe some of the foods of different seasons. d) Describe some of the fruits of different seasons.
19. Best friend: a) Who is your best friend? b) When and how s/he become your best friend? c) What do you do when you are together? d) What kind of responsibilities does friend have towards other friends?	20. A visit to a historical place: a) Where was it? b) Why is this place important? c) Why is it famous? d) What are your feelings regarding the place?

Appendix I

The List of Contributors

1	Ms. Shamsun Nahar	Registrar, Bangladesh Nursing Council, Dhaka
2	Mrs. Renuka Bala Roy	Deputy Director (Ed), Directorate of Nursing Services, Dhaka
3	Mrs. Swapna Chowdhury	Nursing Instructor, Nursing College, Chittagong
4	Mrs. Nilima Majid	Nursing Instructor, Nursing Institute, Sylhet
5	Hamima Umme Morsheda	Nursing Instructor, Nursing College, Rajshahi
6	Mrs. Rahima Jamal Akhter	Nursing Supervisor, SZMCH, Bogra, deputed to DNS office
7	Mrs. Saleha Khatun	Instructor, Deputed to CoN. Mohakhali, Dhaka
8	Mrs. Suriya Begum	Nursing Instructor, Nursing College (Ex-Nursing Institute), Dhaka
9	Md. Mobarak Hossain	Nursing Instructor (Acting), Nursing Institute, Comilla
10	Mrs. Nasrin Khanam	Nursing Instructor, Deputed to Dhaka Nursing College

Revised in April 2010

The List of contributors:

Resource Persons:

1.	Jahanara Begum	Director, Directorate of Nursing Services, Dhaka
2.	Shuriya Begum	Registrar, Bangladesh Nursing Council, Dhaka
3.	Gitosree Ghosh	Deputy Registrar, Bangladesh Nursing Council, Dhaka
4.	Selina Chowdhury	Principal (Acting), College of Nursing, Mohakhali, Dhaka

Member of working committee:

1.	Jacinta Alimpia Gomes	Nursing Instructor, Dhaka Nursing College
2.	Hamima Umme Morsheda	Nursing Instructor, Rajshahi Nursing College
3.	Rahima Jamal Akhter	Instructor, Deputed to DNS Office, Dhaka
4.	Suriya Begum	Nursing Instructor, Dhaka Nursing College
5.	Md. Mobarak Hossain	Nursing Instructor (Acting) Deputed to BNC Office Dhaka