



## **NURSING AND MIDWIFERY COUNCIL OF NIGERIA**

ESTABLISHED BY NURSING AND MIDWIFERY (REGISTRATION ETC.)  
ACT. CAP. N143, LAWS OF THE FEDERATION OF NIGERIA, 2004

**SUPPORTED BY:**



# **MINIMUM REQUIREMENTS**

## **GENERAL NURSING AND MIDWIFERY**

### **EDUCATION IN NIGERIA.**

**PROMOTING AND MAINTAINING EXCELLENCE IN  
NURSING EDUCATION AND PRACTICE**

**DECEMBER, 2016**



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# **MINIMUM REQUIREMENTS for GENERAL NURSING AND MIDWIFERY EDUCATION IN NIGERIA.**

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*...Promoting and maintaining excellence in nursing education and practice*

**DECEMBER, 2016**

## **GENERAL NURSING/MIDWIFERY EDUCATION IN NIGERIA**

For an institution to be approved as a School of Nursing/Midwifery, it must have the following:

### 1.01 LAW/EDICT

- \* Evidence of Law or Edict establishing the Institution.
- \* Private Institutions should have edict as approved by the State Government.

### 1.02 GENERAL

- \* At least a provisional approval for General Nursing/Midwifery Education by the Nursing and Midwifery Council of Nigeria.
- \* Functional School Committees –
  - Examination Committee
  - Disciplinary Committee
  - Welfare Committee
  - Education Committee
    - Research Committee
    - Curriculum Committee
    - Procedure Manual
    - Sports Committee
    - Admission Committee

### v Adequate School Records –

- Staff – Academic and Non-Academic
  - Academic
  - Non-academic
- Students Records
- School time-table
- Continuous Assessment
- Examination file
  - Questions and marking schemes
  - Results
- Scatter gram and functional school organogram

### 1.03 A Comprehensive School Curriculum that is derived from the Nursing and Midwifery Council of Nigeria's Curriculum for General Nursing /Midwifery Education.

- \* Instructional Manuals.(as contained in the curriculum)
- \* Teaching Aids. (see Appendix 2)

### **1.03    PHYSICAL FACILITIES**

There must be a School Complex which consists of the following:

- \* Well fenced with the gate manned by security
- \* A minimum of three (3) large adequately furnished and well ventilated classrooms that can sit between 50 to 100 students comfortably.
- \* A minimum of two tutorial rooms.
- \* A large auditorium with a sitting capacity for at least two hundred and fifty (250) people
- \* Adequately furnished Principal's/Provost's office with an attached confidential secretary's office.
- \* Adequately furnished staff offices with a maximum of two educators to an office.
- \* Adequately furnished staff common room.
- \* Adequately furnished students' common room.
- \* Adequate number of Administrative staff offices.
- \* Toilet facilities, at least six for students and three for staff in the School Complex
- \* A Library with minimum requirements of books as prescribed by the Nursing and Midwifery Council of Nigeria, with customized tables/chairs .(see Appendix 1)
- \* A nursing/midwifery laboratory with the minimum equipment and instruments as prescribed by the Nursing and Midwifery Council of Nigeria with customized tables/chairs. (See Appendix 2).
- \* An adequately equipped Basic Science laboratory
- \* 18/36 ft ICT Centre with at least twenty five (25) computer units and internet enabled with customised tables and chairs.
- \* An adequately equipped and staffed hospital based clinical experience area (see Appendix 3)
- \* An adequately equipped and staffed community based clinical experience area.

### **1.03.    STAFFING**

- \* The Provost/Principal must possess minimum of Bachelor of Nursing or Nursing Science degree, and be Registered and Licensed with Nursing and Midwifery Council of Nigeria as a Nurse/Midwife Educator.
- \* The Nursing and Midwifery Council of Nigeria's approved Tutor: students Ratio for Nursing education in Nigeria is 1:10 to a maximum of 100 students. For Post Basic Midwifery education the approved ratio is 1:6.
- \* There must be a full complement of Nurse/Midwife Educators, Guest Lecturers in all Specialities, administrative and support staff as contained in the approved Curriculum.

- \* Clearly stated School Organogram
- \* A qualified Librarian should be in charge of the school library with at least three assistants.
- \* Other administrative staff, clerks, security, gardeners, cleaners.

### **1.03. ADMINISTRATIVE PROCEDURES**

The School must have laid down polices and ensure due process for the following:

- \* Selection of students following Council's regulations
- \* Staff recruitment
- \* Staff and students' welfare
- \* Staff Incentives
- \* Job allocation/Assignments
- \* Continuing professional development programmes for staff
- \* Guidance and counselling for students.

### **1.05 COMMUNICATION**

- \* There must be a functional telephone and e-mail address for the school.
- \* There must be Intercom services to cover the whole school.

### **1.06 TRANSPORTATION**

- \* There must be an official car for the head of Institution and a school bus (at least 32 seater coaster bus) with an inscription on it for the exclusive use of the school. The bus must be under the control of the office of the Principal.

### **1.07 SAFETY AND ESSENTIAL SERVICES**

There must be:

- \* Functional fire fighting equipment located at strategic places in the school and hostel buildings, and a designated muster point.
- \* Pipe borne water
- \* Electricity supply
- \* Stand-by Generator, Capacity 100KVA
- \* Adequate Refuse Disposal system
- \* Recreational facilities for indoor and outdoor games.

### **1.08 STUDENTS' HOSTEL**

There must be a hostel for the students which should be well ventilated, lit, netted and with ceiling fans.

- \* A maximum of two students per room, in- built wardrobe, table and chairs
- \* Adequate number of toilets and bath rooms, at least 5 toilets, 5 bathrooms for 50- 100 students.

- \* A Resident hostel matron: a minimum of 3bedroom flat within the hostel.
- \* Number of domestic staff - 4 cleaners, 2 gardeners, 4 security, 2 porters
- \* Pipe Borne water
- \* Electric supply
- \* Safety devices e.g. adequate doors (burglary proof), functional fire fighting equipment.
- \* Sick Bay, – At least 5 beds, with a Nurse per shift.

## **Appendix 1**

### **LIST OF RECOMMENDED BOOKS**

#### **E-books recommended**

##### **A. ANATOMY AND PHYSIOLOGY:**

1. Ross J. S. & Wilson, K – The Foundations of Anatomy and Physiology
2. Burdon, I.M - Faber's Anatomical Atlas
3. Gray, H – Gray's Anatomy
4. Gibson, J – Human Biology
5. Armstrong, K.F. – Anatomy & Physiology for Nurses
6. Pearce, E – Anatomy and Physiology for Nurses
7. Burnett, C.W.F. – The Anatomy and Physiology of Obstetrics
8. Akinsanya, J.A. – Human Biology- A Textbook for nurses and allied Professions
9. Green, J.H – Introduction to Human Physiology
10. Tumer, P.P – The Cardiovascular System
11. Hamilton, W.J – Textbook of Human Anatomy

##### **B. NUTRITION**

1. Jellife, D.B – Infant Nutrition in the tropics and Sub – tropics
2. Baker, A.Z – Dietetics and Nutrition
3. Beck, M.E – Nutrition and Dietetics for Nurses
4. Proudfit, F.T & Robinson, C.H – Nutrition and diet therapy
5. Sherman, H.C & Lanford, C.S – Essentials of Nutrition
6. Davidson, S. & Passmore, R. – Human Nutrition and Dietetics
7. Mc Carrison, R – Nutrition and health
8. Uddoh, C.K – Nutrition
9. Oke, O.L. – Nutrition for Nurses
10. Williams, S.R – Nutrition and Diet Therapy
11. Williams, S.R - Nutrition and Diet Therapy, Self Study Guide
12. Eschleman, M.M – Introductory Nutrition and Diet Therapy

##### **C. PHYSICS, CHEMISTRY, MATHEMATICS,**

1. Andrade, E.N – An approach to modern Physics
2. White, A.S. – General Science Physics

3. Dull, C. E - Modern Chemistry
4. Flitter, N.H – An introduction to Physics in Nursing
5. Oyewole, D – An Introduction to Physics
6. Oyewole, F. – An Introduction to Chemistry
7. Kilgour, - An Introduction to Chemical aspects of nursing sciences.

#### **D. ENGLISH LANGUAGE**

1. Frisby, A.W – Teaching English
2. Smith, N.B – Be a better reader
3. Maddox, H – How to study
4. Grant, N.J.H et al – Senior English Project
5. Stephenson, H – Handbook of Public Relations
6. Different English Novels – Up to 50 titles
7. Chambers – Chambers' Encyclopaedia
8. Brown, H. W. – Creative English
9. Bunyan, J. – The Pilgrim's progress
10. Bassett, J. – Writing for a Purpose
11. Oxford, - Concise Oxford Dictionary
12. Other dictionaries and Encyclopaedia

#### **E. NURSING FUNDAMENTALS**

1. Ross, J.S, & Wilson, K – Foundations of Nursing and First aid
2. Hector, W – Modern Nursing
3. Pearce, D. – A General textbook of Nursing
4. Fream, W.C. – Aids to Tropical Nursing & Hygiene
5. Houghton, M. & Whittow, M – Aids to practical nursing
6. Houghton, M & Parnell, J. E- Practical procedures for nurses
7. Darwin, J – Bedside Nursing : An Introduction
8. Cape, B.F – Bailliere's Nurses' Dictionary
9. Roper, Nancy – Pocket Medical Dictionary
10. Gillis, L. – Human behaviour in Illness
11. Pearce, E. – Nurse and the Patient
12. Britten, J.D – Practical notes on Nursing Procedures
13. Clark –Kennedy, A.E – Patients as people
14. Spalding, E.K., Notter, L.E – Professional Nursing
15. Seymer, L.R.- A general history of Nursing
16. Dolan, J.A. – History of nursing
17. Houghton, M. – Practical nursing
18. Fuerst, J & Wolf – Fundamentals of Nursing
19. Miles, S. – Bailliere's Handbook of First aid
20. Nightingale, F. – Notes on Nursing
21. Riddle, - Objective Tests for Nurses series
22. Bevan, - Preliminary Questions and Answers for Nurses
23. Jackson, S.M- Multiple choice questions Book
24. Altschul, A – Multiple choice Questions Book

25. Hull, E.J- Quizzes and Questions for nurses
26. Ward, M.A – Multiple Choice Questions Book
27. Roper, N. – Principles of Nursing
28. Harrison, - A Nursing Process approach
29. Murray, M. – Fundamentals of Nursing
30. Kozier, B – Fundamentals of Nursing – Concepts and Procedures
31. Wolff, L. – Fundamentals of Nursing; The humanities & the Science in Nursing
32. Watson, - Fundamentals of Nursing. A modular study guide
33. Taylor, C, Lillis,C., & LeMone, P – Fundamentals of Nursing: The Art and Science of Nursing Care.
34. Bigelow – Kemp, B – Fundamentals of Nursing: A Frame Work for Practice
35. Dyer, ED – The Lippincott Manual of Nursing Practice
36. Elhart, D. – Scientific Principles in Nursing
37. Gragg, S.H – Scientific Principles in Nursing
38. Timby, B.K – Clinical Nursing Procedures
39. Kozier, b. – Techniques in Clinical Nursing
40. Notter, L.E – Professional Nursing Foundations, Perspectives and Relationship

#### F. GENERAL

41. Akinsola, H.Y – Behavioural Science for Nurses
42. Worsley, - Introducing Sociology
43. Altschul, - Psychology for Nurses
44. Tuckett, d – An Introduction to Medical Sociology
45. Erinoso, L – Medical Sociology
46. Hopkins, S.J. Principal drugs
47. Bailey, R.E – Pharmacology for Nurses
48. Hopkins, S.J – Drugs & Pharmacology for Nurses
49. Jellife, D.B. – Disease of children in the Tropics and Sub Tropics
50. Bowley, A.H – The Psychological Care of a child in Hospital
51. Gillison, M – Histology of body tissues
52. Huntly, W.L – Personal & Community Health
53. Gibson, J – Health , Personal & Communal
54. Myles, M.E – A Textbook for Midwives
55. Dawson, J.B – A short Practice of Midwifery for Nurses
56. Roberts, H.- Analgesia for Midwives
57. Black Losk & Southwell – A Guide to Human Parasitology
58. Maddison, D. – Psychiatric Nursing
59. Bray, R.E. & Bird, T.E – The Practice of Psychiatric nursing
60. Gibson, D & French, T – Nursing the Mentally Retarded
61. Boccock, E.J – Microbiology for Nurses
62. Powell, M – Orthopaedic Nursing
63. Garland, P – Ophthalmic Nursing
64. Garb, S & Sporne, P – Nurses' Manual of Laboratory Tests
65. Fischback – A Manual of laboratory diagnostic tests

66. Cunningham, P.J.ed – The Principles of Health Visiting
67. Rudd, T.N – The Nursing of the Elderly Sick
68. Bowley, A.H – The Natural development of the Child
69. Mcghe, A- Psychology as applied to Nursing
70. Bailey, R.E – Obstetrics and Gynaecological Nursing
71. Brain, W.R & Walton, J. N – Diseases of the Nervous system
72. Harmer, B. – Textbook of the Principles & Practice of Nursing
73. Cash, J.E – Physiotherapy in some surgical conditions
74. Williamson, B – A Handbook of diseases of children
75. Mann, T.S – Accident Surgery for Nurses
76. Lippincott – Quick Reference Book for Nurses
77. Bouchard, R. – Nursing Care of the Cancer Patient
78. Rotter, K – The Ear, Nose & Throat for Nurses
79. King, M. – Medical Care in Developing Countries
80. Emery, E.R – Principles of intensive Care
81. Burgess, A – The Nurses' Guide to Fluid & Electrolyte Balance
82. O'Doherty's Atlas of the Newborn Series ( 1 – 6 )
83. Taylor, S – Principles of surgery and surgical Nursing
84. Arndt, C. – Nursing Administration
85. Bosa J.C. – Sociology for Nurses

### **Anatomy and Physiology**

1. Human Anatomy and Physiology for Nursing and Allied Science – Mahindra Anand and Meena Verma
2. Textbook of Anatomy and Physiology for Nurses - PR Ashalatha and G. Deepa.

### **Communication and Education Technology**

1. Communication and Education Technology for Nurses by Basavanthappa
2. Textbook of Communication and Education Technology for Nurses
3. Nursing Communication and Educational Textbook by R. Pramila

### **Community Health Nursing**

1. Essentials of Community Health Nursing by Basavanthappa
2. Manual of Community Health Nursing by I. Clement
3. Comprehensive Community Health Nursing by Ceycorreia
4. Essentials in Community Health Nursing Practice
5. Community Health Nursing Procedure by Badjit Kour

### **Dictionary**

1. Jaypee's Nurses' Dictionary, 3<sup>rd</sup> Edition by UN Panda
2. Jaypee's Midwifery Dictionary by UN Panda
3. Advanced Learners English Dictionary

### **English Language**

1. English for Nurses by Mallika Balu
2. English for Nursing Students by S.Premkumar
3. English for Nursing by J. Sarumathi

### **First Aid**

1. Textbook on First Aid and Emergency Nursing by I. Clement
2. Essentials of First Aid for Nursing by Maheshward Loganathan
3. First Aid for Nurses with Special emphasis on Nuclear, Biological and Chemical (NBC) by Lt. Co. Karesh Prasad.

### **Fundamentals of Nursing**

1. Fundamentals of Nursing by B. T. Basavan Thappa
2. Fundamentals of Nursing for General Nursing and Midwifery by S.N. and Tyochi Gowda
3. Foundations of Nursing by S.N. Gowda

### **Management for Nurses**

1. Nursing Health Economics by Harish Basavalah
2. Management of Nursing Services and Education by B. T. Basavanthappa

### **Nursing Profile**

1. Nursing Profile by Cecy Correia
2. Textbook of Nursing Management and Services by Kaur and Kaur
3. Leadership and Management in Nursing Practice and Education by Rebecca Samson
4. Leadership and Management for Nurses by Pramila Thapa
5. Principles and Practice of Nursing Management and Administration by Jogindra Vai

### **Psychiatry and Mental Health**

1. Essentials of Mental Health Nursing by B. T. Basavanthappa
2. Psychology for Nursing by B. T. Basavanthappa
3. Psychosocial Foundation of Nursing by I. Clement
4. Psychology for Graduate Nurses by Rajesh Konnur
5. Textbook of Mental Health Nursing by D. Raj.
6. Psychiatry and Mental Health Nursing by Rajin and Rajin
7. Introductory for Nursing and Allied Health Sciences by A. B. Salgado
8. Practical Guide to Mental Health Nursing by W. Samson
9. Essentials of Mental Health Nursing by P. Sharma
10. A Guide to Mental Health and Psychiatric Nursing
11. Psychology for Nurses by R. Sreevani

### **Microbiology and Parasitology**

1. Medical Microbiology for Nurses including Parasitology by j. Anthikad and P. Sumanaswini
2. The short Textbook of Medical Microbiology for Nurses by S. Gupte

### **Midwifery Programme**

1. Essentials of Midwifery and Obstetrical Nursing by B. T. Basavanthappa
2. MCQ in Obstetrical Nursing including Neonatology by C. Biswas
3. A comprehensive textbook of Midwifery and Gynaecological Nursing by A. Jacob
4. Manual of Midwifery and Gynaecological Nursing
5. MCQs in Midwifery by M. Panda

### **Nursing Education and Administration**

1. Nursing Administration by BT Basavanthappa 2<sup>nd</sup> Edition
2. Nursing Education by BT Basavanthappa 2<sup>nd</sup> Edit
3. Textbook of Nursing Foundation by I. Clement
4. Learning and Teaching by B. Sankaranarayan
5. Textbook of Nursing Education by Mukesh Chandra
6. Nursing Education Principles and concepts by R Sudha
7. The short Textbook of Nursing Education by Veerabhadrappe G.M.

### **Research**

1. Research methodology in Nursing
2. Nursing Theories – A practical view by D. Elakkuvana Bhaskara Raj.
3. Essentials of Nursing Research by B.T. Basavathappa
4. NMCN – Nursing and Midwifery Council of Nigeria Research Journal.

### **Nursing Procedures**

1. Comprehensive Nursing Manual by Cecy
2. Clinical Nursing Procedures: The Art of Clinical Nursing Practice by Jacob et al
3. Procedures and theories of Community Health Nursing by Thressiamma P.M

### **Nutrition and Biochemistry for Nurses**

1. Nutrition and Biochemistry for Nurses by Jacob Anthikad
2. Handbook of Biochemistry for Allied and Nusing students by Nayak B.
3. Nutrition and Biochmeistry for Nurses by S.M. Raju
4. Biochemistry and Nutrition for B.Sc. (Nursing)
5. Food and Nutrition for Nurses by Ruma Singh

**Pharmacology**

1. Short Textbook of Pharmacology for Nurses by Raju and Chendra
2. Pharmacology for Graduate Nurses by Subrata Sarka

**Sociology**

1. Sociology for Nursing and Allied Health Sciences by T. Madhusudan
2. Nursing Sociology by G. S. Purushorthama

**Speciality Techniques**

1. Basics in Burns for Nurses by Prema Dhanraj
2. Ophthalmic Nursing
3. Geriatric Nursing by Gomez
4. Intravenous Therapy for Nurses by Gowda
5. Perioperative Nursing Manual by Gowds and Gowda
6. Neurological and Neurosurgical Nursing by Prema and Graicy
7. Human Genetics in Nursing by Sharma
8. Pathology and Genetics for Nurses by K. Swaminahan
9. Operating Room Technique and Anesthesia for General Nursing course.

## Recommended Midwifery Books in the Library

<b>S/N o.</b>	<b>Names of Books</b>	<b>Authors</b>
1.	Myles Textbook for Midwifery -	Diane M. Fraser and Margret A. Cooper 15 <sup>th</sup> Edition
2.	Midwifery for Nurses	Maria Elizabeth First Edition:2010
3.	Obstetrics by Ten Teachers	Campbell & Lees Seventeenth Edition
4.	Myles Text Book for Midwives	Diane M. Fraser Margaret A. Cooper Anna G.W. Nolte 2003
5.	Maternal & Child Nursing Care	Marcia L. Patricia W. Ladewing Jane W. Ball Ruth C. Bindler Second Edition 2003
6.	Text Book for Midwives	Margaret Myles Tenth Edition: 1985
7.	Gynaecology by Ten Steadier's	Geoffrey V.P. Chamberlain, Sixteen Edition 1995
8.	Infertility (A survival guide for Couples and those who love them	Candy Lewis Dake 2002 First Edition
9.	Maternal and Child Health in Practice: Training Models for Middle level workers	G.J. Ebrahim, A.M. Ahmed, A. A. Khan: First Published:1988 Repited:1992
10.	Ambulatory Gynaecology	David H. Nicholas Patrick J. Sweeney Second Edition: 1995
11.	Williams Obstetrics	Cunningham, Mac Donald, Gant Eighteenth Edition 1989
12.	Myles Textbook for Midwives	V. Ruth Bonnett Linda K. Brown Thirteenth Edition 1999
13.	A pocket obstetrics	Sir Stanley Clayto John R. Newton Ninth Edition:1979
14.	Obstetrics Illustrated	Garrey/Gavan/Hodge Callander Third Edition:1980
15.	Pathology for Gynaecologists	H. Fox, C. H. Buckley first Published:1982
16.	Mental illness in Pregnancy and the Puerperium	Merton Sandler 1978
17.	Miscarriage (The facts)	Gillian C. I. Lachlin 1985
18.	Paediatrics	H.M.T Coles 1976
19.	Paediatric Priorities in the Developing World	David Morley 1973
20.	Guide to Family Planning	Ebun Delano New Edition:1990
21.	Child Health in the Tropics	D. B. Jellifee Fifth Edition 1985
22.	Women Have No Doctor (A Health Guide for Women)	A. Angust Burns Ronie Lovich Jane Maxwell Katherme Shapiro First Edition:1997
23.	Textbook for Midwives	V. Ruth Bennett, Linder K, brown Twelfth Edition:1993
24.	Myles Text Book for Midwives	Diane M. Fraser Margaret, A. Cooper 14 <sup>th</sup> Edition:2003
25.	A Textbook for Midwives in the tropics	O.O. Ojo, Evans Bassey Briggs, Second Edition 1982
26.	Bailliers' Midwives Dictionary	Margaret Adams Seventh Edition 1983
27.	Baillier's Midwives Dictionary	Betty R. Sweet Eighth Edition 1992
28.	Primary Health Care for Sustainable development	Olise Peter 2007

<b>NO</b>	<b>CATEGORY</b>	<b>ITEMS</b>	<b>MINIMUM NO REQUIRED</b>
1.	BEDS & ACCESSORIES	Adult bed and mattresses	4
		Couches/Trolleys (Daniels)	4
		Pillows	12
		Bed side lockers	4
		Bed tables	4
		Linen Bins	2
		Bed screen	4
		Baby's cot	4
2	LINENS	Bed sheet	24
		Draw sheets	24
		Pillow cases	24
		Blankets	24
		Mackintosh	12
		Face towels	12
		Bath towels	12
		Medicine towels	12
		Patient gowns (male/female )	12each
		Plastic Aprons	12
		Flannels	12
		Treated mosquito net	8
		Hand towels (Disposable)	12
3.	TROLLEYS	Medicine trolleys	4

		Multi-purpose trolleys	4
4.	BOWLS with cover	Large      Medium      Small	4each
	„      with out cover	„      „      „	4each
5.	Kidney dishes with cover	„      „      „	4each
	„      „ without cover	„      „      „	4each
6.	Gallipots	„      „      „	4each
7.	Trays with cover	„      „      „	4each
	„ without cover	„      „      „	4each
8.	Forceps	Various types	8each
9.	Cupboards	Linen cupboards	4
		Medicine cupboards	4
		Instruments cupboards (Glass)	2
		Equipment cupboards (Glass)	2
10.	Models/Charts (Nursing)	Adult dummies Female and Male	2 each
		Complete human Skeleton (Articulated) and (Disarticulated)	2 each
		Human Torso	2
		All other systems	2 each
		Baby dummy	2
	(Midwifery)	Adult dummies (Female)	2 each
		Complete human Skeleton (Articulated) and (Female)	2 each
		Human Torso	2
		All other systems	2 each
		Female reproductive systems	2
		Organs of reproduction	2 each
		Female Pelvis	4
		Mechanism of Labour	4

		Foetal development	4
		Foetal presentations	4
		New Born	4
11.	Instruments/Equipment	Clinical thermometers	24
		Sphygmomanometer	6
		Stethoscope (Foetal & Ordinary )	6(3 each)
		Oxygen cylinder and apparatus	2
		Resuscitation Trays	2
		Suction machine (Electrical & Manual)	2 ( 1 each)
		Adult weighing scale	2
		Baby's weighing scale	
		Hand washing stand and basin	2
		Urinals (male/Female)	2 each
		Bed pan	2
		Face masks	2pkts
		Ambu Bag	2
		Air Ways	2
		Diagnostic Sets	2
		Cut down Sets	2
		Tuning Fork	2
		Tracheostomy Tray	2
		Glucometer and Accessories	2pkts
		Gloves	2pkts
		Cannulars ( different types and sizes)	4 each
		Disposable syringes (different sizes)	Various sizes
		X-ray viewing machine	2

		Neurological Assessment set	2
		Urethral Catheters	2 each
		Disposable urine bags	Various types & sizes
12.	Forms/Charts/Records	Treatment charts/records	
		Vital signs	
		Fluid Charts	
		Nursing care plan	
		Admission	
		Laboratory	
		X- ray and others	
		Partograph	
13.	Urine Testing	Reagents and equipments	
14.	Audio-visual instruments	White magnetic board	One in each classroom , tutorial room
		White board markers	Various colours
		Flip chart stand and accessories	2
		Multimedia projector and stand	1
		Television	1
		Video and VCD player	1 each
		Educational VCD/CD/Videos	various
15	DRUGS	Resuscitation Drugs, Antimalarials Antibiotics, Vitamins & Haematinics, Analgesics, cardio-tonic drugs etc.	
		I.V fluids	Various types
16.	Midwifery kit		2
17.	Bio-hazard safety box		2
18.	Antishock garment (Midwifery)		2
19.	Sluice room	Attached to the demonstration room	

### APPENDIX-3

#### **Minimum Requirements For a Hospital Based Clinical Experience Area For General Nursing Education in Nigeria.**

For an institution to qualify as a hospital that will be utilised for the clinical experience of General Nursing education in Nigeria, it must have the followings:-

- \* At least a provisional Approval by the Nursing and Midwifery Council of Nigeria for General Nursing Education
- \* Philosophy and objectives of the Hospital that incorporate the education of Nurses.
- \* Minimum of 300 (Three hundred) beds hospital.
- \* The floor of the hospital wards must be of good terrazzo.
- \* The corridors in the hospital must be covered.
- \* A minimum of 1 (one) Registered Nurse to 4 (four) patients.
- \* The approach to Nursing Care of Patients in the hospital must be the Nursing process.
- \* The Hospital must have the following functional wards/units
  - a. Male Medical and Surgical wards
  - b. Female Medical and Surgical wards
  - c. Medical and surgical Paediatric wards.
  - d. Emergency Paediatric unit
  - e. Neonatal and special baby care unit.
  - f. Physiotherapy unit
  - g. Occupational and Recreational therapy unit
  - h. General Out patient unit
  - i. General Emergency unit
  - j. Medical Laboratory unit
  - k. Pharmacy
  - l. ECG unit
  - m. Cafeteria
  - n. Central Sterilization and Supply Department.
  - o. Laundry
  - p. Sluice Room attached to all the wards
  - q. Maintenance/Works
  - r. Ambulance services
  - s. Stores and supplies
  - t. Medical social welfare Unit
  - u. Medical records
  - v. Medical imaging/ Radiology Unit
  - w. Intensive care Unit
  - x. Out Patient Departments

- y. Maternity unit
  - Antenatal/Labour ward, Post Natal ward, Obsteric and Gynaecological
  - Health Education/Continuing Education Unit
- z. Operating theatre.

- \* The hospital must have the following Health personnel,
  - a. Consultant Obstetricians and Gynaecologists
  - b. Consultants in other speciality areas.
  - c. Medical Officers.
  - d. Accident and Emergency Nurses
  - e. Nurses/Midwives
  - f. Medical Laboratory Scientists
  - g. Radiologists
  - h. Pharmacists
  - i. Occupational Therapists
  - j. Clinical Psychologists
  - k. Medical Sociologists
  - l. Health Statistician
  - m. Medical Social Workers
  - n. Dieticians and Nutritionist
  - o. Physiotherapists
  - p. Anaesthetists
  - q. Domestic Staff: - Porters, Cooks/Stewards, Cleaners, Security staff, Drivers etc.
  - r. Health Educationist
  
- \* Each ward should be equipped with functional equipment/other consumables must be made accessible to staff at all times.
  - Materials for Personal Protection measures should be made available and accessible to staff and students at all times.

## **APPENDIX - 4**

### **SCHOOL FURNITURE: (MINIMUM)**

#### **PRINCIPAL'S OFFICE:**

Executive chair/table	1
Fireproof cabinet	1
Refrigerator	1
Metal cabinet	1
Book shelf	1
Air conditioning unit	1
Floor should be rugged/terrazzo/tiles	1

Self contained toilet	1
Desk top Computer and printer	1
Settee set	1
Visitors Chairs	2
Photocopier	1
Scanner	1

**PRINCIPAL'S SECRETARY'S OFFICE:**

Fire proof cabinet	1
Office chair/table	1
Visitor's chair	2
Metal cabinet	2
Refrigerator	1
Air-conditioner	1
Desk top computer/printer	1
Photocopier	1
Scanner	1

**EDUCATORS OFFICE:**

Maximum of two educators to one office		
Office chair/table		1
Visitor's chair	for each	2
Book shelf	Educator	1
Metal cabinet		1
Refrigerator		1
Air-conditioner		1
Floor should have rugs/tiles/terrazzo		

**STAFF COMMON ROOM:**

Television with cable network		1
Refrigerator		1
Upholstery chair		A set of 8 settee
Side stool		A set
Cupboard with electric Kettle, tea cups etc.		
Intercom		
Magazine Rack		

**STUDENT'S COMMON ROOM:**

Television with cable network		1
Refrigerator		1

Upholstery chairs	1set
Side stools	1set
Indoor games	
Magazines Rack	

### **GENERAL NURSING PRACTICAL DEMONSTRATION ROOM**

Size A– Minimum 24/48 ft to accommodate at least 50 students per group

Size B– Minimum 18/36 ft to accommodate at least 25 students per group

## **APPENDIX - 5**

### **BASIC SCIENCE LABORATORY**

Barometer demonstration equipment	2
Bell jar knob top	1
Boiling tube 10 x 18mm	10
Chemical balance	1
Clamps for retort stands	11
Dissecting set	2
Dissecting board	10
Evaporating dish 100ml	10
Flask distilling (Kjedh 250ml)	2
Hand lens	20
Hygrometer (Wet & dry bulb)	1
Microscope (Monocular)	5
Microscope slide (pkt)	2
Petri Dish Glasses	10
Skeleton	1

### **A SET OF PREPARED SLIDES**

Amoeba	2
Blood cells	2
Euglena	2
Paramecium	2
Spirogyra	2
T/S of Monocot Stem	2
T/S of Monocot Root	2
T/S of Leaf	2
Animal cell	2
Plant Cell	2

## **MODELS**

Heart	1
Eye	1
Ears	1
Human Body in Uterus	1

## **CHARTS**

Bacteria	1
Blood circulatory system in man	1
Types of teeth	1
Arm Bones	1
Scapula	1
Bones of the leg	1
Pelvic Girdle	1
Atlas	4
Axis	1
Cervical	2
Thoracic	1
Lumbar	2
Types of joint	4

## **REAGENTS AND CHEMICALS**

Agar powder 500g	1
Methylated Spirit 2.5 Litres	1
Ammonium Hydroxide 525 Litres	1
Calcium Hydroxide 500g	1
D. fructose 500g	1
Ethanol 2.5 Litres	3
Formaldehyde (2.5 Litres)	1
Glucose 500g	10
Magnesium sulphate	1
Magnesium phosphate 500g	1
Maltose 500g	1
Pepsin Powder	11
Potassium permanganate	1
Pyrogallol 250g	1
Sucrose 500g	1
Trypsin 25g	1
Sudan III 25g	4
Fehling's Solution A (I Litres)	4

Felling Solution B (I Litres)	4
Millions Regent (I Litres)	4
Lime water II	1

**(CHEMISTRY UNIT)**

Ammeters	2
Barometer tube	2
Balance triple beam (0.500g)	1
Basins (porcelain) 150ml	10
Beakers 250ml	20
Bell jars 25x15cm	20
Beehive shelves 7.5cm diameter	2
Boyles law tubes (u-tube)	2
Burette 50ml pinch cork	10
Burette brushes	5
Carbon Rods 6.1x152mm	4
Calorimeters (copper)	2
Cobalt blue glasses 5x2cm	10
Clips (reds and black)	10
Copper plates	5
Crucible porcelain with lids	10
Defligrating spoons	2
Dropping pipette (eat) glass	10
Funnels Plain Polythene	10
Filler Paper 11 cm 1 pkt	10
Filter Flask 250 ml	1
Flask Volumetric 100 ml	2
Funnels Separating 10cm	2
Funnels, Thistle 25cm	2
Flask, Flat Bottom 25ml	5
Flask, Conical 25ml	10
Gas Jar 20 x 5cm	5
Gas Jar Covers	5
Graduated Cylinder 100ml	5
Indicator bottle, plastic	5
Petri dishes	10
Pipette Bulb 25ml	10
Pipette graduated 0-25ml	10
Reagent bottle 250ml	20
Retort glasses, stopper 250ml	2
Retort stand clamp complete	4

Spatula, nickel 15ml	10
Splint, wooden (pkt of 100)	2
Test tubes 16 x 150mm	50
Test tube racks to hold 10	10
Test tube holders (wooden)	10
Tongs crucible	10
Tripod stands	10
Wire gauze with asbestos	10

### **(CHEMICALS)**

Ammonium solution 2.5l	1
Ammonium metal foil 500g	1
Barium chloride (1 Litres)	1
Calcium chloride 500g	2
Calcium oxide 500g	1
Copper II Sulphate 500g	1
Distilled water 10	10
Iodine	4
Litmus paper blue	5
Litmus paper red	5
Liquid paraffin (1 Litres)	2
Magnesium ribbon 100g	1
Methanol (1 Litre)	1
Hydrochloric acid (2.5litres)	3
Methyl orange indicator	1
Nitric acid (2.5 litres)	1
Potassium sulphate 500g	1
Potassium hydroxide 500g	1
Sodium chloride 500g	2
Sodium metal 500g	1
Sodium Nitrate 500g	1
Sulphur	1
Sulphuric acid (concentrated) 2.5 litres	4
Silver Nitrate 100g	1
Zinc nitrate 500g	1
Phenolphthalein 50g	2

### **(PHYSICS UNIT)**

Ammeter (dc) 0-3A 0.1A	4
Banana plug (pkt of 10)	3

Battery charger 12vot 13	2
Beaker 500g	10
Bimetalle strip	4
Bulbs 2.5v (2pkt of 10) 0.3A	1
Bulb holders	5
Bunsen burner	15
Coil 2400 turns with tapping @ 1200	1
Concave mirrior (spherical 5cm)	5
Cover mirror (5cm diameter)	5
Covering lens	5
Copper plate 3cmx 10cm	13
Copper wire sjw22,26 (1 role)	1
Cork assorted	10
Constantine bare wire	2
Daniel cell	2
Diverging lens	5
Drawing pins (pkt of 400)	12
Electric motor 1.5-12v(dc)1	1
Electric Bell	1
Electroscope (complete)	1
Fuse wire (red) a	4
Holder for lens & mirror	1
Horse shoe magnet, 75mm	2
Hydrometer for lead acid cell	1
Inclined plane	1
Iron filling 500g	1
Lead acid accumulator (6v)	1
Lanlanche wet cell	1
Meter rule (1metre)	20
Micrometer screw guage	2
Optical pins (5mm)	1pkt
Venier callipers	2
Pendulum bobs with hooks	10
Plane mirror (10x7cm)	10
Plastic cups	10
Rectangle block (25x25x50) glass	5
Rectangular bar magnet (pair)	2

## Appendix 6

### Community Based Clinical Experience Areas check list

1. A building with the following units:
  - Consulting rooms
  - Out Patient Department
  - Ante Natal Clinic
  - Delivery room
  - Post natal/lying in ward
  - Immunization
  - Kitchenette
  - Side Laboratory
  - Pharmacy
  - Records
  - Family Planning
  - Toilet Facility
  - Waste disposal system
  - Power Supply (Solar, PHCN, generator)
  - Referral System (Motor Cycles)
  - Deep Freezer
  - Mini Autoclave Machines
  - Personnel – Registered Licenced Nurse inclusive, CHEWs, Cleaners, Security
2. Accommodation facility for students