

5-3 プロジェクト長期調査員報告書

調査報告書

1993年11月20日

立山恭子（看護専門家）

派遣先：カイロ大学 High Institute Of Nursing

期間：1993年10月1日から11月4日まで

目的：技術協力実施協議に関する調査を行う。

今回は技術協力実施協議団の派遣が予定されている16日までの短い期間に、HIN プロジェクトを協議するために必要な調査を、学期初めの多忙な時に行わねばならなかった。特に今年は年度初めに（エジプトの会計年度は7月）教育大臣命で全国立大学は従来の一学期制から二学期制に変更する通達がだされ、教職員は多忙であった。その中で学科長の Prof. Dr. Eman Mourad と副学科長の A. Prof. Dr. Aisha Awad（カイロ大学小児病院看護部にたいしての設立準備当時からコンサルタント）の積極的な協力をえた。

技術協力の実施協議調査のために、再度、5年まえの1988年に申請されていた技協要請書の内容について、HIN の学科長、副学科長と再確認した。

また、その後1989年9月に行われた技術協力、無償資金協力事前調査および12月の基本設計調査、1990年3月詳細設計説明の際にエジプト、日本双方でサインされた議事録を再確認し、マスタープランの内容についての裏付けとなる事項についての調査を行った。

技術協力要請書が5年前のものであり、この5年間には国外、国内で大変化のあった時代であり、看護教育の事情も大きな変化が起っていたので、このことを重視しマスタープランについて各教科の長と協議をかさねた。

看護教育のおおきな変化とは、国民の健康増進、疫病の治療、予防に従事する看護職の増員計画が実行に移されていること、実際に看護高等学校はこの5年間に約40校が増設されている。それゆえに年間養成数は従来のやく倍数ちかく（約7000名）になっている。一方 HIN は2校、Technical School in Nursing（短大レベル）7校が新設された。（医師の養成は目標に達したとして入学定員は5年前の半数以下に減らされている。）しかし、教師の養成は十分でないため HIN で教育される看護婦の重要性がますます期待されているといえる。

HIN の組織については現在改造中であるので、カリキュラムを中心に調査を行った。HIN の理念、その概念枠組み、専門看護教科目および支持科目、その概念枠組みについて資料を

参照されたい。

資料に示されているようにカイロ大学 HIN においては教授陣の養成は順調になされている。とくに看護の理論、リサーチに関しては訓練を受けたスタッフがいるが活動資金の予算はゼロである。今後この領域の援助は必要である。同時に看護を实践する場である地域（家庭、学校、工場などを含む）、ヘルスセンター、病院等で学生は実習を行う、現場でそれぞれに必要な看護技術を確実に習得するためには最低限必要な教育機材の整備が要求される。現状は特に実習病院、ヘルスセンターに指定されている国立の施設における医療活動をおこなうための設備、備品は概して不足しており技術修得に困難をおぼえる。しかしそれ以上に看護の实践に実力のある教師は多くなく、学生の実習指導は臨床看護の経験の少ないインストラクターが当たっていることが多い。実習場には看護スタッフが看護できるだけの人員が配置されているだけでなく、看護婦からの指導はあまり期待できない状況である。むしろ学生の実習を通じていかに看護のレベルを向上させていくかを考えねばならない。

添付資料：HIN 学生数、卒業生数

HIN 予算実績

HIN カリキュラム

HIN 教員名簿

カイロ大学病院の看護

エジプトの5才以下児の死因

エジプトの看護規準

エジプトの看護教育制度の変遷

カイロ大学 看護学科 (Higher Institute Of Nursing)

カイロ大学の歴史

カイロ大学が正式に発足したのは1908年12月21日であった。当時は夕方に数カ所で授業が行われていた。授業科目はエジプトと東方における古代社会とイスラム社会、アラブの地理と歴史、フランス文学と英文学であった。翌年に物理学と数学が加えられた。1923年には教授科目が整理されて芸術、科学、医学、法学に分類された。1935年にはエジプト大学に工学、農学、商学、獣医学が加えられた。1940年に名称をファウド I 世大学と呼んだ。1953年にカイロ大学と改称し、15学部、5つの Institute で構成された総合大学となった。(大学は Institute を学部に移行すべく作業が行われている。)

Higher Institute Of Nursing は看護学を学ぶと同時にレベルの高い資格を持ち、病院やその他の場所で、看護に従事する看護婦を世に出すために発足した。1965年にエジプト国保健省と WHO との協議が整い、10年間にわたり必要な援助がなされた1968年に第1回生5名が卒業した。

歴代のダイレクターは以下のとおりである。

Mrs. Rita Doneil Hill (Expert from WHO 1964-1975)

Prof. Dr Iman Mostafa Morad : 1975-1989

Prof. Dr Shahrezad Mohamed Ghazy, 1989-1992

Prof. Dr Iman Mostafa Morad, 1992-present

医学部長が HIN のボード チェアマンとなっている。

カリキュラムは BS, 修士課程、博士課程となっている。

BS では4年で学科学習を終了し、5年目の1年間はインターンシップをとっている。背門看護の領域は7領域より構成されている。

High Institute of Nursing, Cairo University

カイロ大学 HIN は1964年に学士課程を開講し、その10年後の1975年に修士課程を、1980年に博士課程を設置している。

1993年までに学士課程卒業生1117名、修士課程卒業生69名、博士課程卒業生36名を輩出している。修士課程の定員は1学年20名となっているが実際には2学年で20名前後であった。数年前まではその殆どの学生は教職についている人々であった。そのためか在籍人数に比べ修士号の取得者が少なかったのは、学部内の昇進の関係もあったようである。(毎年の修士号取得者は3—5名であった。)博士号は約70—80%の合格率で毎年2—5名が取得している。(表1)

エジプトでは1989年よりの国家5カ年計画によって保健医療の充実が重要視されると同時に、看護婦の増員計画がうちだされた。特に高度医療とPHCに対応できる大学での看護教育に期待がもたれて、定員枠の増加と医学部のある大学には看護学科の新設が実施されつつある。カイロ大学 HIN の入学定員は政府より増員を要請されている。カイロ大学 HIN においても1学年300名を要請されたが、現在は独自の校舎を持たないために200人ととどめている。

1993年10月現在、学部学生数579名(インターンを含む)、修士、博士課程97名、合計676名である。建築中の校舎が完成する1995年には学部学生のみで約700名に、その翌年には約1000名の規模になると予定されている。(表2)

教職員数は専任講師以上の教授陣が60名、助講師とインストラクターが54名の114名である。教務、会計、総務などの事務職員、運転手など計60名である。

教員は各専門看護教科に15、6名が配属されている。各専門看護教科には教授または助教授、専任講師、インストラクターが任命され運営されている。

英語など一般教科および医学は30—40名の教授によって講義がなされている。

学生はカイロ大学の他の学部学生と同等の権利と義務が課せられている。すなわち、医療サービスを受ける権利、学生寮に入寮する権利、クラブ活動をする権利が認められている。

HIN の予算は人件費、運営費総てを合計すると954,085.68エジプトポンド(約3150万円、1992年)である。この実績の90%は人件費である。尚、現在は借り校舎であるため、電気料金、水道、ガス料金は大学側で処理されている。新校舎完成の暁にはおそらく少なくともこの数倍の予算が必要と推測される。新施設に必要な人員については、事務局においてその計画が少しずつなされている様子であった。(表3)

カリキュラム実施について：

従来1学期制で運営されていたが、1993年度より教育大臣の指令によって2学期制に変更になったため、プログラムの再編成が10月半ばまでかかって行われた。看護学はそれぞれ理

論と実習に分けて学習がなされる。看護学総論と内科、外科看護はカイロ大学病院の内科病院、外科病院で実習する。母性看護は産婦人科病院で小児看護は小児病院で実習する。

伝染病、精神科疾患は大学病院の患者数はごく少ないために、学外の専門病院において実習する。学生の公衆衛生看護の実習はおもに農村、都会型ヘルスセンターにおいて、また家庭訪問を教師の助けを得ながら行っている。1学年は講義のために学生100名のグループに分けて行われる実習は数グループに分けて教師の指導がなされている。

その他：教師の待遇等について

勤務時間：原則として1週間に30時間とする。10時間までの超過勤務については手当が支給される。

授業時間数：原則として1週間に10時間とする。それを越えた場合には手当が以下のように申請によって以下のように支給される。

(講義はレクチャー以上のみによって行われる)

講義 1時間 7 エジプト ポンド (約224円)

実習 1時間 3.5 エジプト ポンド (約112円)

非常勤講師の場合も上記に準じて支給される。

新卒業生の(学部)インストラクターの初任給は大体80ポンドくらいである。しかし、専任講師以上になると基本給の25%が教職手当として本俸に併せて支給される。(学部卒業後22年、博士号取得後10年の助教授の年俸は手当を含めて約8400ポンド、268,800円と聞いた。これは外資系の民間会社に勤務する大学卒業後2-3年の秘書職と同じくらいの報酬といえる。民間病院の看護部長の報酬よりは大分低く、国立病院の看護部長よりは大分良い報酬といえる)。エジプトでは長年の間、教育はサービスであるという思想のもとに学校は小学校から大学にいたるまで運営されていたので、教師の待遇は安く押えられていたといわれる。ごく最近になって、大統領の方針により教育の見直しがなされているので、今後の待遇改善が期待される。

教室について：

大学本部、理学部などの教室2-3室、医学部教室数カ所、各病院の教室数カ所を借用している。

教育教材について：

教育教材は教室には黒板はあるが、視聴覚機材は少量であるために、講義中心の授業が多

い。実験用機材は殆どなく、基礎看護実習のための最低必用限度の看護用品が実習室にあるのみである。実習場である大学病院にはベッドと床頭台のみであるので、その他の看護用品、例えば、洗面器、体温計、注射器、針、与薬用の用具、タオル、記録用紙（病院の看護婦が記録する用紙は体温表のみである）にいたるまで実習のさいには HIN から持参するのである。

☆大学病院の患者に直接使用する備品の予算は、最近の高度医療機器購入のためもあって相当地にひきしめられている様子である。

現在ある視聴覚教材機器は16ミリ映写機、スライドプロジェクターなど2-3台であり、VTRの導入はされていない。

図書館について：

図書室は有資格の司書9名によって運営されており、アシスタント ディレクターが図書館長に任命されている。

現在は開放式を採用しており、論文執筆中の学生には貸し出しも行われている。在庫図書数は約7千冊であるが、新しい出版物は少ない。年間の図書購入数は数十冊である。看護学術雑誌数は古いバックナンバーは多いが現在購入されているものは数種類のみである、それも殆どは寄贈によるものである。新校舎完成後は学生数の増加、カリキュラムの強化が課せられることであり、図書の質と数の補充、その運営の強化が最優先されるべきであろう。

事務局について：

事務局の各部には責任者が配置され、それぞれの人々は長年の経験をもっている人が多い。総務、庶務、会計および教務部は事務局からでている各教科長付き秘書を通じて事務処理がスムーズになされているようにみうけた。

現在は臨床看護の試験は医学部の教室を借りて行われており、教務部は事務局のある大学本部と医学部に分かれて業務しているので、試験問題用紙の搬送に苦勞している。（本部と医学部はナイル川を隔てて約2キロメートル離れており、その間の道路は日中とても混雑している。）

現在ある事務機器は手動式アラビア語、英語タイプライター、コピー機、電卓ぐらいである。

尚、警備については大学が統括しており、必要警備員が派遣される。

カイロ大学 HIN の主なる教授陣

カイロ大学総長	Prof. Dr. Mofeed Shehab (法学部教授)
医学部長	Prof. Dr. Khairy Samura
副医学部長	Prof. Dr. Abd El Fatah El Feky (HIN 担当)
同上	Prof. Dr. Sair El Bacawy (学部学生担当)
HIN ディレクター	Prof. Dr. Eman M. Mourad (公衆衛生看護学)
アシスタントディレクター	A. Prof. Dr. Aisha Awad (修士、博士課程担当、看護管理)
同上	A. Prof. Dr. Shadia Sharaf (学部学生担当、基礎看護学)
以下各教科責任者：	☆印は教科長
基礎看護学	Dr. Samira El Sharkawy A. Professor
内科外科看護学	Dr. Amal Fakhri Gergis A. Professor
母性看護学	Dr. Yousreya A. El Sayed ☆ A. Professor
小児看護学	Dr. Mirret Darwish ☆ A. Professor
精神看護学	Dr. Enayat A Wahab Khalil ☆ A. Professor
公衆衛生看護学	Dr. Nawal A. Fouad Lecurer
事務局：事務長	Mrs. Mahasen Ashou
次長	Mr. Mohamed Nassar
教務関係事務(長)	: Mrs. Fatma
図書室司書(長)	: Mrs. Soheir Mostafa (他9名)
学科長秘書	: Ms. Hoda Anwar

カイロ大学 HIN 卒業生数 (表1)

年	学士 (BS)	修士 (MS)		博士 (PhD)	
1968	5				
1969	7				
1970	20				
1971	30				
1972	46				
1973	80				
1974	49	在学数 (入学数)			
1975	21	16			
1976	38	4			
1977	39	5	6		
1978	67	6	5		
1979	41	15	3	在学数 (入学数)	
1980	48	15	7	6	
1981	40	17	3	5	
1982	46	11	4	5	
1983	49	20	3	—	5
1984	54	21	3	4	2
1985	33	17	6	6	1
1986	36	9	4	9	4
1987	52	24	5	3	2
1988	51	26	2	1	4
1989	39	31	3	5	1
1990	78	41	6	4	5
1991	87	51	7	3	1
1992	64	72	2	2	5
1993		90		7	
計	1117		69		36

カイロ大学 HIN 学年別、年度別学生数 (表 2)

	1988/89	89/90	90/91	91/92	92/93	93/94	94/95
1 学年	125	95	132	117	132	200	(予測数) 200
2 学年	90	99	106	111	97	120	200
3 学年	85	89	75	85	97	100	120
4 学年	50	87	93	73	89	70	100
合計	350	370	406	386	415	490	620
インターン	60	50	87	93	73	89	70
総合計	410	420	493	479	488	579	690

HIN 教員数

Professor	3	
Assistant Professor	18	
Lecturer	39	計 60名 (スタッフ、正教員、博士号有資格者)
Assistant Lecturer	20	
Instructor (Demonstrator)	34	計 54名
		総計 114名

カイロ大学 HIN の予算 (表 3)

維持管理費 1992/1993

1) 人件費			
教師	(91名)	48,469.45	エジプトポンド
事務教員	(70+21名)	24,076.9	エジプトポンド
(用務員をふくむ)			
合計		73,445.64	エジプトポンド
			881,347.68
		(約2,423,706円/月)	(約29,084,473円/月)
2) 施設運転経費			
電気料金		カイロ大学が全大学経費として支出する。	
水道料金		同上	
ガス		同上	
ガソリン	2,424	エジプトポンド	(75,237円)
電話料金	2,910	エジプトポンド	(90,210円)
合計	5,334	エジプトポンド	(176,022円)
3) 施設、設備機器維持費			
施設維持費	(ハウスキーピングを含む)	5,098	エジプトポンド (168,234円)
施設機器維持費		600	エジプトポンド (18,600円)
機材維持費		2,035	エジプトポンド (67,155円)
4) 消耗品、薬品類			
事務用品費		2,865	エジプトポンド (94,545円)
印刷費		(カイロ大学として支出される)	
5) 教育用機材費			
図書		10,000	エジプトポンド/年 (330,000円)
テキストブック		3,000	エジプトポンド/年 (99,000円)
機器		適時 (臨時予算)	
6) その他			
研究費		なし	(諸基金、財団の協力を受けている)

人件費	881,347.68LE	
施設設備維持管理	13,067.00LE	総合計954,085.68LE
消耗品費	2,865.00LE	(約31,484,805円)
図書費	13,000.00LE	

エジプト国内における HIGH INSTITUTE OF NURSING

HIN 名	創立年	医学部創立年
アレキサンドリア	1952年	1948年
カイロ	1964年	1827年
アイン シャムス	1970年代	1960年代
アシウト	1980年代	1970年代
タンタ	1980年代	同上
ザガジグ	1980年代	同上
スエズカナル	1987年	同上
メナーフ	1990年	同上
ベンハ	1993年	同上
マンスーラ	準備中	同上
アズハール (女子医大)	同上	同上
アズハール (男子医大)	同上	同上

TECHNICAL SCHOOL IN NURSING (SECONDARY SCHOOL 卒業後2カ年)

保健省管轄	4校
特殊医療機関管轄	5校

SECONDARY TECHNICAL SCHOOL IN NURSING (PREPARATORY SCHOOL 卒業後3年) (看護高校、中学校卒業後3年)

保健省管轄、大学、病院付属 合計 196校 (1988年当時より40校増)

年間卒業生約7,000名

CAIRO UNIVERSITY
HIGH INSTITUTE OF NURSING

INTERNAL REGULATION
OF
THE HIGH INSTITUTE OF NURSING
AS ATTACHED TO THE FACULTY OF
MEDICINE
PROMULGATED BY MINISTERIAL DECREES:
No. 1076 DATED 1 OCTOBER, 1985
AND
No. 1044 DATED 18 SEPTEMBER, 1989

AS AMENDED ON 26 AUGUST, 1993 BY VIRTUE OF
A DECREE ISSUED BY THE HIGHER COUNCIL FOR
UNIVERSITIES, DURING ITS SESSION No. [336]
APPLYING THE TWO-TERM SYSTEM.

Approved by the BOARD OF THE INSTITUTE on 5 OCTOBER, 1993
AND THE BOARD OF THE FACULTY on 17 OCTOBER, 1993

PHILOSOPHY AND PURPOSES OF THE
HIGH INSTITUTE OF NURSING

The Philosophy of the HIGH INSTITUTE OF NURSING - CAIRO UNIVERSITY - stems from the fact that MAN is a living creature moved by natural, ethical, and intellectual forces and as such, MAN passes through continuous variations in a varying community, besides being affected by intermingled social, natural and conscientious factors. For all that, MAN is a unique creature in his roots, experiences, culture, and social and economic environment. These facts should, therefore, be taken into consideration in dealing with him.

GENERAL PURPOSE OF THE CURRICULA :

This purpose visualizes concentrating the role of the nurse, after graduation, in facilitating nursing care in the different communities. In so doing, she depends on her scientific knowledge and understanding of man's behaviour and needs. She is qualified to become self-guided in gaining and acquiring experiences during the process of learning and training in nursing, as well as in participating continuously in whatever opportunities rendered available to her in order to boost the importance of the profession.

T A R G E T S :

- 1- Providing safe and effective care to individual and different groups in health and sickness, by following the scientific rules.

- 2 - Using the (NURSING PROCESS) whenever she is dealing with any person suffering from a health problem or in any situation exposing health to danger ;
- 3 - Employing her knowledge about previous research, determining the value of such research, and cooperating as well as participating in current research works.
- 4 - Enhancing her performance as well as the performance of the rest of the health team members , in order to provide and improve health care.
- 5 - Becoming responsible for the continuous health culture of the patients and the people working in health fields and different communities .
- 6 - Understanding the roles and basic rules in leading the team, and workings as a member of the health team .
- 7 - Recognizing, promoting and maintaining the personal traits and characteristics as well as the essential trends of the nursing profession.

* * * * *

PART - 1

DEPARTMENTS OF THE INSTITUTE AND SCIENTIFIC DEGREES :

A R T I C L E - 1 :

THE INSTITUTES CONSISTS OF THE FOLLOWING DEPARTMENTS :

- 1 - NURSING POLICIES DEPARTMENT
- 2 - SURGICAL AND MEDICAL NURSING DEPARTMENT
- 3 - PEDIATRIC NURSING DEPARTMENT
- 4 - MOTHER'S AND NEW'BORN'S NURSING DEPARTMENT

- 5 - COMMUNITY'S HEALTH NURSING DEPARTMENT
- 6 - PSYCHIATRIC NURSING DEPARTMENT
- 7 - NURSING ADMINISTRATION DEPARTMENT.

A R T I C L E - 2 :

THE BOARD OF THE INSTITUTE IS MADE UP OF :

- 1 - DIRECTOR OF THE FACULTY OF MEDICINE - CHAIRMAN
- 2 - THE DIRECTOR OF THE HIGH INSTITUTE OF NURSING.
- 3 - ONE DEPUTY DIRECTOR OF THE FACULTY OF MEDICINE
- 4 - GENERAL DIRECTOR OF THE UNIVERSITY HOSPITALS
- 5 - THE TWO DEPUTY DIRECTORS OF THE HIGH INSTITUTE OF NURSING.
- 6 - HEADS OF THE DEPARTMENTS DEFINED IN ARTICLE-1
- 7 - AT MOST THREE PEOPLE OF THOSE CONCERNED WITH NURSING AFFAIRS, FROM OUTSIDE THE UNIVERSITY, WHOSE APPOINTMENT IS DECIDED BY A DECREE OF THE PRESIDENT OF THE UNIVERSITY UPON THE RECOMMENDATION OF THE BOARD OF DIRECTORS. THEY SHALL BE APPOINTED FOR ONE RENEWABLE YEAR.

A R T I C L E - 3 : CAIRO UNIVERSITY GRANTS - UPON THE REQUEST OF THE FACULTY OF MEDICINE - THE FOLLOWING SCIENTIFIC DEGREES :

- A - BACHELOR'S DEGREE IN THE SCIENCE OF NURSING (B.Sc.N)
 - B - MASTER'S DEGREE IN THE SCIENCE OF NURSING (M.Sc.N)
- in either branch of "EDUCATION" or "ADMINISTRATION", in one of the following NURSING SPECIALIZATIONS :
- 1 - SURGICAL AND MEDICAL NURSING
 - 2 - GYNECOTOKOLOGICAL NURSING
 - 3 - PEDIATRIC NURSING
 - 4 - COMMUNITY'S HEALTH NURSING

5 - PSYCHIATRIC NURSING

6 - NURSING SERVICES ADMINISTRATION

C - DOCTOR'S DEGREE IN NURSING SCIENCE (D.N.Sc.)

* * * * *

PART - 2

A R T I C L E - 4: [1] For admission to the Institute in order to obtain a Bachelor's Degree, the following shall be fulfilled:

- a- The Student shall be holder of the General Final Secondary School Certificate , Scientific Section, or a Certificate considered equivalent thereto .
- b- The student's first foreign language shall be the English language. Graduates of Language Schools shall be excepted from this requirement.
- c- Applicant students shall pass the personal test which the Institute holds for those nominated by the Coordination Office.
- d- Applicant students shall pass the medical test successfully.

[2] Applicants obtaining the HEALTH TECHNICAL INSTITUTE DIPLOMA, NURSING BRANCH, shall be admitted to the SECOND YEAR in the INSTITUTE, providing the holder of such certificate shall be acquiring at least 75% of the total scores in this diploma. The Board of the University shall determine the number of these students, upon the proposal of the Board of the NURSING INSTITUTE.

[3] Applicants holding the TECHNICAL SECONDARY NURSING CERTIFICATE (of the ARE) Three-Year System, or a certificate considered equivalent thereto, shall be admitted to the INSTITUTE OF NURSING providing the percentage of success shall at least be 70 %

Serial No.	S U B J E C T	NUMBER OF HOURS	
		Theore- tical	Practical
1	S O C I O L O G Y	24	
2	A N A T O M Y	36	
3	E N G L I S H L A N G U A G E	120	
4	I N T R O D U C T I O N T O N U R S I N G (1)	72	156
T O T A L		252	156

SECOND TERM OF THE YEAR : 15 WEEKS

Serial No.	S U B J E C T	NUMBER OF HOURS	
		Theore- tical	Practi- cal
1	P A R A S I T O L O G Y	24	
2	B A C T E R I O L O G Y	24	
3	P H Y S I O L O G Y	36	
4	P S Y C H O L O G Y	24	
5	I N T R O D U C T I O N T O N U R S I N G (2)	72	156
T O T A L		180	156

S E C O N D Y E A R

FIRST TERM OF THE YEAR : 15 WEEKS

Serial No	S U B J E C T	Number of Hours	
		Theore- tical	Practi- cal
1	P A T H O L O G Y	24	
2	NUTRITION AND BIOCHEMISTRY	30	
3	MEDICINES	30	
4	INTERNAL DISEASES	30	
5	GENERAL SURGERY	30	
6	GENERAL INTERNAL AND SURGICAL NURSING	45	270
7	DIAGNOSTICS	30	
	OTORHINOLARYNGOLOGY 10 hours		
	RADIOLOGY 10 hours		
	LABORATORY 10 hours		
T O T A L		219	270

SECOND TERM OF THE YEAR : 15 WEEKS

SERIAL	S U B J E C T	Number of Hours	
		Theore- tical	Practi- cal
1	English language	60	
2	Human Studies	30	
3	Pedagogy	30	
4	Surgical Specializations	30	
	Ophthalmology 10 hours		
	Osteopathology 10 hours		
	Chest and cardiology 10 hours		
5	Specialized internal and surgical Nursing	45	270
6	Applied Science	30	
	Applied nutrition 10 hours		
	Applied medicines 20 hours		
T O T A L		225	270

T H I R D Y E A R

FIRST TERM OF THE YEAR : 15 WEEKS

SERIAL	S U B J E C T	NUMBER OF HOURS	
		Theore- tical	practi- cal
1	GROWTH PSYCHOLOGY	30	
2	PEDIATRIC DISEASES AND SURGERY	30	
3	APPLIED NUTRITION	30	
4	TEACHING SKILLS	30	
5	PEDIATRIC NURSING	60	270
6	sociology	30	
		210	270

SECOND TERM OF THE YEAR : 15 WEEKS

SERIAL No.	S U B J E C T	NUMBER OF HOURS	
		Theoreti- cal	practi- cal
1	English Language	60	
2	Gynaecology	30	
3	Health Education	30	
4	Statiscal Principles	30	
5	Mother's Health Nursing	60	270
TOTAL		210	270

NOTE :

STUDENTS are divided into TWO GROUPS, the first studying pediatric nursing and pediatric diseases and nursing, in the FIRST TERM, AND the second GROUP studying mother's health nursing and gynaecology, then vice versa in the second term.

FOURTH YEAR

FIRST TERM OF THE YEAR : 15 WEEKS

Serial No.	S U B J E C T	NUMBER OF HOURS	
		Theore- tical	Practi- cal
1	General Health Administration	30	
2	Nursing Administration (1)	30	
3	Epidemics	30	
4	English Language	60	
5	Community's Health Nursing	60	270
T O T A L		210	270

SECOND TERM OF THE YEAR : 15 WEEKS

Serial	S U B J E C T	NUMBER OF HOURS	
		Theore- tical	Practi- cal
1	PSYCHIATRIC DISEASES (MENTAL)	30	
2	RESEARCH METHODS	30	
3	PREPARATION OF TRAINING PROGRAMMES	30	
4	PSYCHIATRIC NURSING	60	270
5	HUMAN RELATIONS	30	
6	NURSING ADMINISTRATION (2)	30	
TOTAL		210	270

NOTE : Students are divided into two GROUPS, the First Group studying Community's Health Nursing and General Health Administration, in the first Term, and the Second Group studying Psychiatric Nursing and Psychiatric (Mental) Diseases, then vice versa in the Second Term.

PART - 3

ARTICLE - 7 : The following tables indicate the system of examinations in course curricula :

FIRST YEAR

FIRST TERM :

E X A M I N A T I O N S

SERIAL No.	SUBJECT	YEAR'S WORK	WRITTEN	ORAL	FINAL GRADE
1	SOCIOLOGY	20	80		100
2	ANATOMY	20	80		100
3	ENGLISH LANGUAGE	20	50	30	100
4	INTRODUCTION TO NURSING (1)	200	100		300
TOTAL					600

SECOND TERM

SERIAL No.	SUBJECT	YEAR'S WORK	WRITTEN	ORAL	FINAL GRADE
1	PARASITOLOGY	20	80		100
2	BACTERIOLOGY	20	80		100
3	PHYSIOLOGY	20	80		100
4	PSYCHIATRY	20	80		100
5	INTRODUCTION TO NURSING (2)	200	100		300
TOTAL					700
GRAND TOTAL					1300

Duration of Exami for all subjects : TWO HOURS, except for the subjects of NURSING and ENGLISH LANGUAGE in which the examination will be for THREE HOURS each

SECOND YEAR
.....

FIRST TERM OF THE YEAR :

E X A M I N A T I O N S

Serial No.	Subject	YEAR'S WORK	WRITTEN	ORAL	FINAL GRADE
1	PATHOLOGY		100		100
2	NUTRITION AND BIO-CHEMISTRY		100		100
3	MEDICINES		100		100
4	INTERNAL DISEASES		100		100
5	GENERAL SURGERY		100		100
6	General Medical and Surgical Nursing	200	100		300
7	Diagnosics		100		100
	* Otorhynolaringology				
	* Radiology				
	* Pathological analyses				
TOTAL					900

SECOND TERM OF THE YEAR EXAMINATIONS

Serial No.	SUBJECT	YEAR'S WORK	WRITTEN	ORAL	FINAL GRADE
1	English Language	20	50	30	100
2	Human Studies		100		100
3	PEDAGOGY		100		100
4	SURGICAL SPECIALTIES		100		100
	* OPHTHALMIC DISEASES				
	* BONES				
	* CHEST AND HEART				
5	MEDICAL NURSING	200	100		300
6	APPLIED SCIENCE		100		100
	* Applied Nutrition				
	* Applied medicines				
TOTAL					800
GRAND TOTAL					1700

Duration of Examination - All subjects : 2 hours, except :
NURSING and ENGLISH LANGUAGE : 3 hours

THIRD YEAR

FIRST TERM OF THE YEAR

EXAMINATIONS.

Serial No.	SUBJECT	YEAR'S WORK	WRITTEN	ORAL	FINAL GRADE
1	GROWTH PSYCHO- LOGY		100		100
2	PEDIATRIC DISEASES AND SURGERY		100		100
3	APPLIED NUTRITION		100		100
4	PEDAGOGY (Teaching Skills)	30	70		100
5	PEDIATRIC NURSING	200	100		300
6	SOCIOLOGY		100		100
TOTAL					800

SECOND TERM OF THE YEAR

EXAMINATIONS

Serial	SUBJECT	YEAR'S WORK	WRITTEN	ORAL	FINAL GRADE
1	English	20	50	30	100
2	Language Gynecology		100		100
3	HEALTH EDUCATION	30	70		100
4	STATISTICAL PRIN- CIPLES		100		100
5	MOTHER'S HEALTH NURSING	200	100		300
TOTAL					700
GRAND TOTAL					1500

Duration of examination for all subjects : TWO HOURS, except
 the subjects of NURSING AND ENGLISH
 LANGUAGE : THREE HOURS

FOURTH YEAR

FIRST TERM OF THE YEAR :

E X A M I N A T I O N S

Serial	S U B J E C T	YEAR'S WORK	WRITTEN	ORAL	FINAL GRADE
1	General Health Administration		100		100
2	Nursing Admi- nistration (1)		70		100
3	EPIDEMIC		100		100
4	ENGLISH LANGUAGE	20	50	30	100
5	COMMUNITY'S HEALTH NURSING	200	100		300
T O T A L					700

SECOND TERM OF THE YEAR :

E X A M I N A T I O N S

Serial	S U B J E C T	YEAR'S WORK	WRITTEN	ORAL	FINAL GRADE
1	Mental diseases		100		100
2	Research Methods	30	70		100
3	Preparation of Training Methods	30	70		100
4	PSYCHIATRIC HEALTH NURSING	200	100		300
5	HUMAN RELATIONS	30	70		100
6	NURSING ADMINIS- TRATION (2)	30	70		100
T O T A L					800
G R A N D T O T A L					1500

Duration of Examination for all subjects : TWO HOURS , except
for the subjects of NURSING and
ENGLISH LANGUAGE : THREE HOURS

ARTICLE-8 : In order to sit for examination in any subject, the student shall attend, satisfactorily, the theoretical lectures and practical trainings for that subject. The Board of the Institute and the Faculty shall determine the percentage of attendance required.

ARTICLE-9 :

- a- Students shall sit for the examinations prescribed at the end of the term of study in which the subject is studied.
- b- If a student fails in one or two subjects, she will be promoted to the next year, providing she does not fail in any of the following nursing subjects :
 - 1- Introduction to NURSING (1)
 - 2- Introduction to NURSING (2)
 - 3- Medical and Surgical NURSING (General)
 - 4- Medical and Surgical NURSING (Specialized)
 - 5- Pediatric Nursing
 - 6- Mother's and New-born's Health Nursing
 - 7- Mental Health Nursing *Psychiatric)
 - 8- Community's Health Nursing

ARTICLE-10 : In case a student fails in more than two subjects or one of the NURSING subjects, she will double the academic year and sit for the exam in all subjects she failed in.

ARTICLE-11 : Students of the FOURTH year shall not obtain the Bachelor's Degree except after they pass successfully the exam in the subjects they failed to pass in, for the previous years, in the month of October.

ARTICLE-12 : The success or failure of students in the nursing and medical subjects is estimated with one of the following ratings:

EXCELLENT	:	From 85% and more in the total grades
VERY GOOD	:	75% to less than 85% of the total grades
GOOD	:	65% to less than 75% of the total grades

A R T I C L E 13:

The final (general) mark for the BSc N is estimated on the basis of the total grades of all years, also the rank of the graduates is estimated upon this base.

A R T I C L E 14:

1. A student should be successful in all subjects of the fourth year as well as all rewrite exams before, she is allowed to join the internship year.
2. The internship year started according to the following time.
 - A. 1st of September for students who passed the first term (Terms of February and June).
 - B. 1st of June, for students who pass the second term (reunite of October).

A R T I C L E 15:

The internship student has practice training on sections approved by the institute council and under the supervision of a teaching staff from the nursing service administration department for one year and according to the rules of the HIN. Sites for clinical training in the hospital are suggested by NSA department and approved by the HIN council.

A R T I C L E 16:

- A. Evaluation of clinical training of the internship student is done from theoretical and practical side at the end of each training session (period) and the student is notified by this evaluation.
- B. Percentage of success is 60% for all aspects.
- C. If a student fails in one aspect, she will repeat her training period for that aspect at the end of internship year.

for at least one year.

The date for opening the door to applications for Master's Degree shall be announced during the month of May.

Applicants for registration to obtain the Doctorate Degree in Nursing Science shall be required to fulfil the following:

- (A) Applicants shall be holder of the Master's Degree in Nursing Science with at least Grade GOOD from one of the Arab Republic Universities, or an equivalent GRADE from another recognized University.
- (B) Female Students working in hospitals or recognized scientific institutes shall attend studies as full-timers in the Institute for at least ONE YEAR.

CURRICULA (SUBJECTS OF STUDY) - -
NUMBER OF HOURS OF STUDY. -----

ARTICLE-16 :

The following tables indicate the subjects which are taught to obtain the BACHELOR'S DEGREE in NURSING, and the number of hours appropriate for each subject. The Board of the Institute shall determine the scientific content of each subject.

F I R S T Y E A R

C U R R I C U L U M	Number of Hours of STUDY		YEAR'S WORK	END-OF-YEAR EXAMINATIONS		FINAL SCORES OF THE EXAMINATIONS
	Theoretical	practical		WRITTEN	ORAL	
1- ENGLISH LANGUAGE	168	-	20	50	-	100
ENGLISH LANGUAGE (Conversation)	30	-	-	-	-	-
2- PSYCHOLOGY	24	-	20	80	-	100
3- SOCIOLOGY	24	-	20	80	-	100
4- ANTHROPOLOGY	6	-	20	80	-	100
5- PHYSIOLOGY	6	-	20	80	-	100
6- BACTERIOLOGY	24	-	20	80	-	100
7- PARASITOLOGY	24	-	20	80	-	100
8- PATHOLOGY	24	-	20	80	-	100
9- INTRODUCTION TO NURSING	144	312	200	100	-	300
	<u>534</u>	<u>312</u>				<u>1100</u>
	=====	=====				=====

S E C O N D Y E A R

C U R R I C U L U M	N U M B E R O F H O U R S O F S T U D Y		Y E A R ' S W O R K	E N D - O F - Y E A R E X A M I - N A T I O N S		F I N A L S C O R E I N	
	F I R S T T E R M	S E C O N D T E R M		W R I T T E N	O R A L		T H E E X A - M I N A T I O N
	T H E O R E - P R A C T I - T I C A L	P R A C T I - C A L	T H E O R E - T I C A L	P R A C - T I C A L			
1- ENGLISH LANGUAGE	30	-	-	20	50	30	100
ENGLISH LANGUAGE (CONVERSATION)	15	-	15	-	-	-	-
2- NUTRITION AND BIOCHEMISTRY	30	-	-	-	100	-	100
3- MEDICINES (PHARMACEUTICALS)	-	-	-	-	100	-	100
4- INTERNAL DISEASES	30	-	-	-	100	-	100
5- GENERAL SURGERY	30	-	-	-	100	-	100
6- *SURGICAL AND medical NURSING, COMPRISING :	30	270	90	270	100	-	100
6 Hours : ODONTONURSING							
10 Hours : applied nutrition							
20 Hours : applied medicines							
* DIAGNOSTICS, COMPRISING :					100		100
20 Hours : LABORATORY ANALYSES AND RADIOGRAPHY							
10 Hours : OTORHINOLARYNGOLOGY							

SECOND YEAR (cont'd)

C U R R I C U L U M	NUMBER OF HOURS OF STUDY		YEAR'S WORK	END-OF-YEAR EXAMINATIONS		FINAL SCORES IN EXAM.
	FIRST TERM THEORE- TICAL	SECOND TERM THEORE- TICAL		WRITTEN	ORAL	
7- HUMAN STUDIES	30	30	-	100	-	100
8- PEDAGOGICAL PSYCHOLOGY	-	30	-	100	-	100
9- SPECIALIZATIONS IN SURGERY : 10 hours each subject	-	30	-	100	-	100
	225	270				1100

(cont'd)

T H I R D Y E A R

C U R R I C U L U M	N U M B E R O F H O U R S O F S T U D Y		Y E A R ' S W O R K	E N D - O F - Y E A R - E X A M I N A T I O N S		F I N A L S C O R E I N T H E E X A M I N A T I O N		
	F I R S T T E R M	S E C O N D T E R M		W R I T T E N	O R A L			
	T H E O - R E T I - C A L	P R A C - T I C A L		T H E O - R E T I - C A L	P R A C - T I C A L			
1- ENGLISH LANGUAGE	30	-	30	-	20	50	30	100
ENGLISH LANGUAGE (CONVERSATION)	15	-	15	-	-	-	-	-
2- PSYCHOLOGY OF GROWTH	30	-	-	-	-	100	-	100
3- CHILDREN'S DISEASES AND SURGERY	30	-	-	-	-	100	-	100
4- APPLIED NUTRITION	30	-	-	-	-	100	-	100
5- TEACHING METHODS SKILLS	30	-	-	-	30	70	-	100
6- Pediatrics NURSING	60	270	-	-	200	100	-	300
7- SOCIOLOGY	-	-	30	-	-	100	-	100
8- GYNECOLOGICAL DISEASES	-	-	30	-	-	100	-	100
9- HYGENIC EDUCATION	-	-	30	-	30	70	-	100
10- STATISTICS PRINCIPLES	-	-	30	-	-	100	-	100
11- MOTHER'S AND NEWBORN'S HEALTH NURSING	-	-	60	270	200	100	-	300
								<u>1500</u>

THIRD YEAR (cont'd)

- NUMBER OF HOURS : 32 HOURS WEEKLY, AT THE RATE OF 5 DAYS A WEEK

- NOTE : FEMALE STUDENTS ARE DIVIDED INTO TWO GROUPS STUDYING

Pediatrics NURSING, AND Pediatrics AND SURGERY

IN THE FIRST TERM, WHILE :

FOR THE SECOND GROUP : THEY STUDY MOTHER'S AND NEWBORN'S
HEALTH NURSING, AND GYNECOLOGICAL DISEASES.

T H E N : VICE-VERSA IN THE SECOND TERM.

F O U R T H Y E A R

CURRICULUM	NUMBER OF HOURS OF STUDY		YEAR'S WORK	END-OF-YEAR EXAMINATIONS	FINAL SCORES IN EXAMINATION
	FIRST TERM	SECOND TERM			
	THEORETICAL	THEORETICAL - PRACTICAL	WRITTEN	ORAL	
1- ENGLISH LANGUAGE	30	30	20	50	100
ENGLISH LANGUAGE (CONVERSATION)	15	15	-	-	-
2- GENERAL HEALTH MANAGEMENT	30	-	-	100	100
3- NURSING SERVICES MANAGEMENT	30	30	60	140	200
4- EPIDEMICS	30	-	-	100	100
5- HUMAN RELATIONS AND GROUP DYNAMICS	30	-	30	70	100
6- SOCIETY'S HEALTH NURSING, COMPRISING :					
10 HOURS NUTRITION	60	270	200	100	300
7- PSYCHOLOGICAL DISEASES	-	30	-	100	100
8- METHODS OF RESEARCH IN NURSING	-	30	30	70	100
9- PREPARING TRAINING PROGRAMMES	-	30	30	70	100
10- MENTAL HEALTH NURSING	-	60	200	100	300

FOURTH YEAR (cont'd)

* NUMBER OF HOURS PER WEEK : 32 HOURS, AT THE RATE OF 5 DAYS A WEEK

* N O T E : Female Students are divided into TWO GROUPS :

FIRST GROUP STUDYING : Community HEALTH NURSING AND
GENERAL HEALTH MANAGEMENT,

WHILE THE SECOND GROUP STUDIES : Psychiatrics NURSING, AND

T H E N : Vice-Versa in the SECOND TERM.

RULES FOR GRANTING EXCELLENCE REWARDS
TO SONS OF THE ARAB REPUBLIC OF EGYPT

In appreciation of EXCELLENCE ratings, the nation has decided to issue the following rewards to distinguished female students:

GRADE EXCELLENCE : LE 20.- monthly, for a period of
SIX MONTHS.

GRADE VERY GOOD : LE 10.- monthly, for a period of
SIX MONTHS.

Egyptian fresh female students who obtain at least 80% in the General Secondary Examination Certificate, or the Technical Secondary Certificate shall be granted a reward of LE14.- monthly , for a period of SIX MONTHS.

* * * * *

STUDENT UNIONS

STUDENT UNIONS are formed from students of faculties and University Institutes, who are registered in them as regular female students for Bachelor's degree, providing they have settled the UNION fees.

Foreign female students who have settle the Union fees, shall have the right to exercise the aspects of Student Union activities, without having the right to vote or nominate themselves .

STUDENT UNIONS AIM TO REALIZE THE FOLLOWING PURPOSES:

- * Developing spiritual and moral values and national consciousness among the female students, enabling them to be habituated to leadership, and affording to them the opportunity of expressing their views.
- * Instilling in the female students, the sound University spirit, and strengthening the bonds between them and

the Teaching Staff members and workers of the Faculties and Institutes.

- * Discovering the talent abilities and skills of female students, as well as burnishing and encouraging them.
- * Spreading and encouraging family formations (student clans) and supporting their activities.
- * Spreading and organizing sporting, social, scouting (rover), technical, and cultural activities, enhancing their level, and encouraging those excelling within them :

- 1) Student Clans Committee ;
- 2) Sporting Activities Committee ;
- 3) Cultural Activities Committee ;
- 4) Artistic Sporting Committee ;
- 5) Scouts (Rovers) and General Service Committee ;
- 6) Social Activities and Excursions Committee .

- * Re-organizing the means to benefit from the energies and capacities of female students, in the service of society, thereby such benefits would revert to the Nation.

The Board of the Institute's Students Unions works toward achieving the purposes of Students Unions , through the following Committees :

THE POWERS OF THE INSTITUTES' STUDENTS UNION BOARD comprise the following :

- Drawing the policy of the Institute's Students Union, in the light of programmes submitted by the Committees ; also approving the programmes of the UNION BOARD'S COMMITTEES and monitoring their implementation
- Distributing the financial appropriations to COMMITTEES, and

laying down the annual budget for the Students Union Board and its Committees ;

- Approving the closing accounts of the Students Union ;
- Coordinating the work between the Committees of the Students Union Committees in the Institute.
- Working on strengthening the relations with other Students Unions ;
- Electing the SECRETARY for the Students Union Board, from among its female student members.

Faculty Members and
Their assistants
of H. I. N. Cairo
University

Section : —

Fundamental of Nursing

辞令発令日

	Name	Degree	Date	
1	Neulifar Rashed Ahmed	Assistant Professor	27/04/88	DPH 休職中
2	Shadia Amin Hafiz	"	25/10/89	DNSC
3	Samira Ebrahim El-Sharkawy	"	23/04/90	DEd
4	Suzan Atia Abdelsayed	"	30/05/90	DNSC
5	Yasmeen Ahamd El. Fouly	Lecturer	25/11/92	DNS
6	Manal Mohamed Moustafa	"	25/11/92	DNS
7	Ghada Riad El. gendy	"	24/02/93	MS
8	Gehan Mohamed Mohamed	Ast.Lect	31/07/88	休職中
9	Labiba Abdel Kader	"	27/09/89	MSC
10	Hanan Ahmed El. Sebey	"	17/06/92	MSC
11	Hada Ezat Abdel Raouf	"	18/07/92	MSC
12	Aliaa Mahmoud Kamal	Demonstrator	04/12/93	
13	Hanan El. Kafafy Hassan	"	03/02/90	
14	Amany Salama Aioub	"	18/02/91	
15	Zeinab Mohamed Elsayed	"	10/02/92	

2—Medical Surgical Nursing : —

Name	Degree	Date	
1—Cheherazad Mohamed Khalid	Professor	24/02/88	DPH WHO ジブチ
2—Hoda Zaki Khalil	Ast.Prf.	26/10/88	DNS 休職中
3—Nawal Ebcd Hana	"	25/03/92	DNS
4—Amal Fakhri Gergis	"	24/02/93	DNS
5—Basamat Omar Ahmed	"	28/07/93	DNS
6—Khairia Abou Bakr El. Sawy	LEcturer	24/02/88	DNS
7—Nagat El. Moursy Ebrahim	"	26/10/88	DNS
8—Warda Yousief Moursy	"	25/10/89	DNS
9—Manal Sayed Esmail	"	20/09/90	DNS
10—Mofeda El. Sawi Soluman	"	31/10/90	DNS
11—Mohga Abdel Aziz	"	31/10/90	DNS
12—Saher Mahmoud Abdel Mageed	Demonstrator	18/02/91	
13—Hanaa Yousry Hashem	"	18/02/91	
14—Nahla Shaban Aly	"	08/02/92	
15—Faten Shawky Abdel Fatah	"	08/02/92	

3 —Maternity and Newborn Health Nursing : —

Name	Degree	Date	
1 —Hoda Esmail Reyad	Assistant Professor	30/11/88	DPH 休職中
2 —Yousria Ahmed El. Sayed	" "	24/02/92	DNS
3 —Shadia Abdel Kader Hassan	" "	24/02/93	DNS 休職中
4 —Regaa Aly Abdel Rabov	Lecturer	24/02/93	MSC 休職中
5 —Haiat Emam Gouma	Ast. Lecturer	27/10/91	
6 —Magda Ahmed Fawaz	Demonstrator	12/01/86	
7 —Gehan Mohamed Aly	"	26/03/88	
8 —gehan Ebrahiem Ei. Ghanoiny	"	07/02/89	
9 —Abeer saad Zagloul	"	18/05/91	
10 —Hanan Fahmy Ahmed	"	08/02/92	

4 —Pediatric Nursing : —

Name	Degree	Date	
1 —Meret Mohamed Darwish	ASt. Professor	25/10/89	DPH
2 —Nmat Mohamed Aly	Lecturer	30/11/88	DNS
3 —Sohair Abdel Hamid Dabash	"	31/10/90	DNS
4 —Elham Mohamed Ahmed	"	24/02/93	DNS
5 —Gehan Ahmed El. Saman	"	24/02/93	DNS
6 —Shadia Raial El. Gendy	Ast. Lecturer	15/01/84	
7 —Azza Hussein Sabry	"	07/02/92	
8 —Afkar Ragab Mohamed	Demonstrator	26/03/86	
9 —Hanan Mohamed Rashad	"	16/02/88	
10 —Azza Abdel Moghny Atia	"	18/03/89	
11 —Halla Abdel Moneim Ebrahiem	"	08/02/92	

5 —Community Health Nursing : —

Name	Degree	Date	
1 —Prof. Dr. Eman Moustafa Mourad	Professor	14/12/83	Phd
2 —Sania Mohamed Rizk	Ast. Professor	25/10/89	DNS
3 —Nadia Mohamed	Lecturer	18/04/84	DPH
4 —Hedia Abdel Aziz	"	25/02/87	DNS
5 —Nawal Abdel Moneim	"	26/08/87	DNS
6 —Nagah Mahmoud	"	30/08/88	DNS
7 —Mona Sadik	"	29/05/91	DNS
8 —Soheir Abdel Hadi	"	10/03/92	DNS
9 —Efat Abdel Hadi	"	24/02/93	DNS
10—Nagat Saaid	Ast. Lecturer	23/05/90	
11—Afaf Ebraheim	" "	30/05/92	
12—Salwa Ewees	Demonstrator	07/02/89	
13—Heba Magdi	"	01/02/91	
14—Helalia Shalabi	"	18/02/91	
15—Hoda Maamoon	"	08/05/92	
16—Abeer Fouad	"	09/02/93	

6 —Psychiatric Nursing : —

Name	Degrer	Date	
1 —Enaiat Abdel Wahab	Ast. Prof.	24/02/92	DN
2 —Nafessa Abdel Kader	" "	24/02/93	DNSc
3 —Sayda Ahmed	" "	24/02/93	DNSc
4 —Neily Ahmed	Lecturer	24/06/89	DNSc
5 —Afaf Abdel Hamed	"	30/50/90	DNSc
6 —Zeinab Abdel Haleem	"	25/11/92	DNS
7 —Amal El. Husseni	Demonstrator	10/01/85	
8 —Seham Abdel Lateif	"	26/03/88	
9 —Nehad Helmi	"	20/01/93	

7—Nursing Administration : —

Name	Degrer	Date	
1 —Laila Abdou	Ast. Prof.	21/09/88	DNS Colorado
2 —Aisha Awed	" "	28/06/89	DPH Alex
3 —Mahasen Esmail	" "	24/02/92	
4 —Nehad Eizel Deen	Lecturer	26/10/88	
5 —Eglal Ahmed	"	25/03/92	
6 —Magda Ameen	"	25/11/92	
7 —Ahlam Abdel Moneim	Demonstrator	10/01/85	
8 —Somia Abass	"	07/02/89	
9 —Eman Saad	"	07/02/89	
10—Fatma Abid	"	18/02/91	
11—Somia Ahmed	"	18/02/91	
12—Magda Abdel Hamid	"	18/02/91	
13—Amani Ahmed	"	08/02/92	

カイロ HIN のカリキュラム

理念と概念

内容：

地域保健

健康

疾病

発達

健康の増進

プライマリーヘルスケア

セルフケア ナーシング

人間

ホメオスタシス

ニーズと動機

適応 (Adaputation)

学習

Psychomotor Behaviors

オレム理論

管理過程 (Management Process)

看護過程

社会

看護

霊的理解と看護ケアの見解

人間行動の理解における文化の重要性

プログラムの目的の概念

学部過程の教科に入っている支持科目

内科学

教育心理

栄養学

社会学

生化学

産婦人科学
英語
発達心理学
教育方法
心理学
人間関係論
文化人類学
疫学
健康教育
研究方法
管理理論と原理
院内感染
解剖学
生理学
文化とパーソナリティ
統計学
人間のニーズ
小児科学
公衆衛生学
管理学
物理学
精神科学

看護学における支持科目

看護学総論	細菌学
	解剖学
	心理学
	生理学
	英語
	生化学
	物理学
	寄生虫学
	行動科学

	組織学
内科外科看護学	内科学 外科学 解剖学 生理学 細菌学 英語 組織学 生化学 薬理学 栄養学 教育学 社会学 教育心理学 文化人類学 コミュニケーション Humanities
母性看護学	化学 生物学 心理学 社会学 内科学 行動科学 Humanities 産婦人科学 応用栄養学 英語 健康教育 教育方法
小児看護学	小児科学

英語
フランス語
小児心理学
生化学
細菌学
統計学
教育方法
小児外科
社会学
文化人類学
栄養学
地域保健

精神看護学

社会学
心理学、発達心理学
精神医学
文化人類学
薬理学
人間関係論
グループ・ダイナミックス
精神衛生
英語
統計
研究方法

公衆衛生看護学

社会学
疫学
内科学
外科学
英語
心理学
精神科学
微生物学

栄養学
統計学
行動科学
地域保健
公衆衛生管理
健康教育
リサーチ
人間関係論
Community medicine
解剖、生理学
物理学

看護管理（サーヴィス）学

リサーチ
解剖、生理
生化学
心理学
精神科学
社会学
人間関係論
英語
病院感染
診療記録
カリキュラムの発達
教育方法
行動科学とヒューマニチイ
公衆衛生

各看護教科で教授されている主なる概念

基礎看護学 (Fundamental Nursing)

個人衛生と公衆衛生 (Hygiene & Sanitation)

滅菌

ベーシック ヒューマン ニーズ

疾病の病体整理学的、社会心理学的側面

看護過程

ケアの管理上における問題解決技法

コミュニケーション

人と文化

身体組織の機能

内科、外科看護学

マスローの理論

Basic Human Needs

セルフ ケア

看護過程

ボディ イメージ

PHC

救急看護

痛み

Immobility

無意識

ショック

無呼吸

水と電解質

炎症

細胞の異常増殖

看護の歴史

看護倫理

評価

問題解決

包括的看護 (ケア)

問題指向

基礎看護

コミュニケーション

活動と訓練

医学用語

清潔と皮膚ケア

滅菌と感染のコントロール

重症患者

栄養

ADL (日常生活行動)

感覚の喪失

母性看護学

再生産システム

排卵

受精

胎盤の形成

妊娠合併症

妊娠期のケア

分べん進行中および分べんのケア

産じょく期のケア

家族計画

マタニティ サイクルにおける生理、行動の変化

小児看護学

看護過程

小児ケア

ベシック ニーズ

公衆衛生

栄養

予防接種

事故

予防

健康問題と看護

Communicative Health

Primary Health

成長と発達

小児期の問題

精神科看護学

コミュニケーションおよび看護婦、患者間の関係（リレーションシップ）

精神衛生

精神疾患

人間

コミュニケーション

人間の行動

ニーズの観察

看護過程

ヘルス チーム

合法的側面

精神療法における看護婦の役割

思考、感覚、行動の障害

公衆衛生看護学

健康の増進

疾病の子防

健康教育

母子保健

風土病のコントロール

家族の健康

Risk Approach

皮膚と性病

人口統計

慢性疾患

Biostatistics

農村保健

環境衛生

学校保健

栄養

コミュニケーション

老人のプログラム

予防のレベル

産業衛生

リハビリテーション

家庭分べん

家庭における老人ケア

看護管理学

動機

意志決定

資源の利用

システムアプローチ

リーダーシップ

人事管理

ヘルスケアの供給におけるヘッドナース（看護部長）の役割の強化とともに人材の開発と人間関係を強化する。

人間関係の管理

計画

組織

スタッフイング（人事）

問題解決

学校管理

今後、追加すべきと考えられている支持科目：

合法的側面

コンピューター コース

メジカル エンジニアリング

以下の教科を担当している教師：

教育方法

内科、外科看護学の教授

発達心理学	小児看護学の専任講師
応用栄養学	小児看護学の専任講師
健康教育	公衆衛生看護学の専任講師
英語	英文学部教授
心理学	心理学教授
社会学	社会学教授
基礎科学	医学部教授
精神科学	精神科教授

カイロ大学 HIN 学年別、年度別学生数

	1988/89	89/90	90/91	91/92	92/93	93/94	94/95 (予測数)
1 学年	125	95	132	117	132	200	200
2 学年	90	99	106	111	97	120	200
3 学年	85	89	75	85	97	100	120
4 学年	50	87	93	73	89	70	100
合計	350	370	406	386	415	490	620
インターン	60	50	87	93	73	89	70
総合計	410	420	493	479	488	579	690

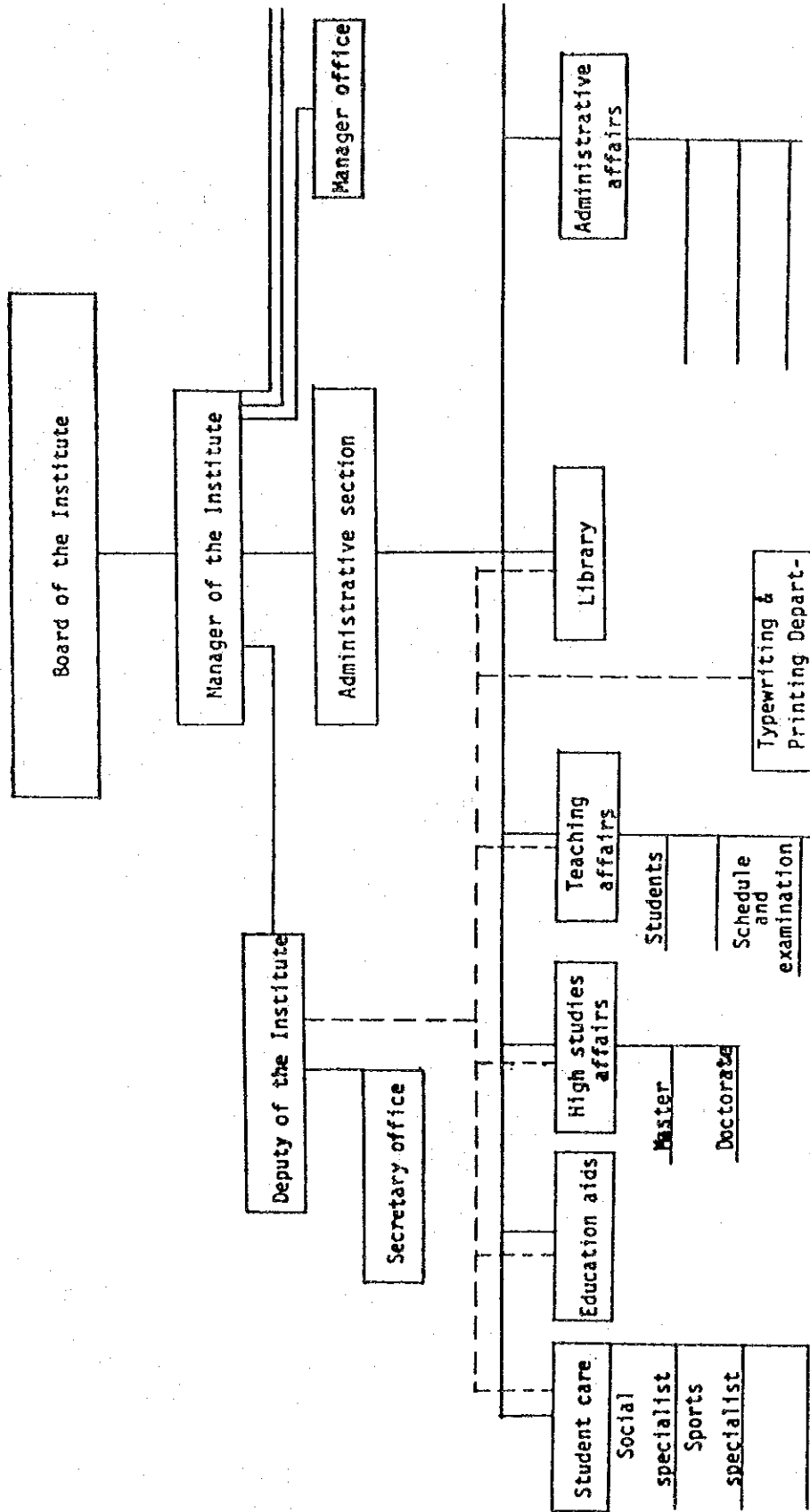
HIN 教員数

Professor	3	
Assistatnt Professor	18	
Lecturer	39	計 60名 (スタッフ、正教員、博士号有資格者)
Assistant Lecturer	20	
Instructor (Demonstrator)	34	計 54名
		総計 114名
職員		90名

カイロ大学 HIN 卒業生数

年	学士 (BS)	修士 (MS)		博士 (PhD)	
1968	5				
1969	7				
1970	20				
1971	30				
1972	46				
1973	80				
1974	49	(入学数)			
1975	21	16			
1976	38	4			
1977	39	5	6		
1978	67	6	5		
1979	41	15	3	(入学数)	
1980	48	15	7	6	
1981	40	17	3	5	
1982	46	11	4	5	
1983	49	20	3	—	5
1984	54	21	3	4	2
1985	33	17	6	6	1
1986	36	9	4	9	4
1987	52	24	5	3	2
1988	51	26	2	1	4
1989	39	31	3	5	1
1990	78	41	6	4	5
1991	87	51	7	3	1
1992	64	72	2	2	5
1993		90		7	
計	1117	69		36	

☒ 1 Organization of the High Institute of Nursing in Cairo Univer:



INSTITUTE OF NURSING

変更 →

PHYSIO THERAPY

HEAD of Department

P+AP+L+AL+I

- 1. Fundamental Nursing 1+3+4+4=12 Professor or Lecturer — Instructor
- 2. Medical & Surgical Nursing 1+1+6+3+1=12 Assistant Prof. or Assistant
- 3. Maternal & Child Nursing 1+1+2+1+3=8 Assistant Lecturer
- 4. Pediatric Nursing 1+2+1+3=8 Lecturer
- 5. Psychiatric Nursing 1+2+4+2=9
- 6. Community Health Nursing 1+3+3+3=10
- 7. Nursing Administration 1+3+2+1=7

Total 64名-13

休職中

勉学のため

健康上のもの

Nursing Education Department

ice Director of IIN

Clerk

Account

Workers

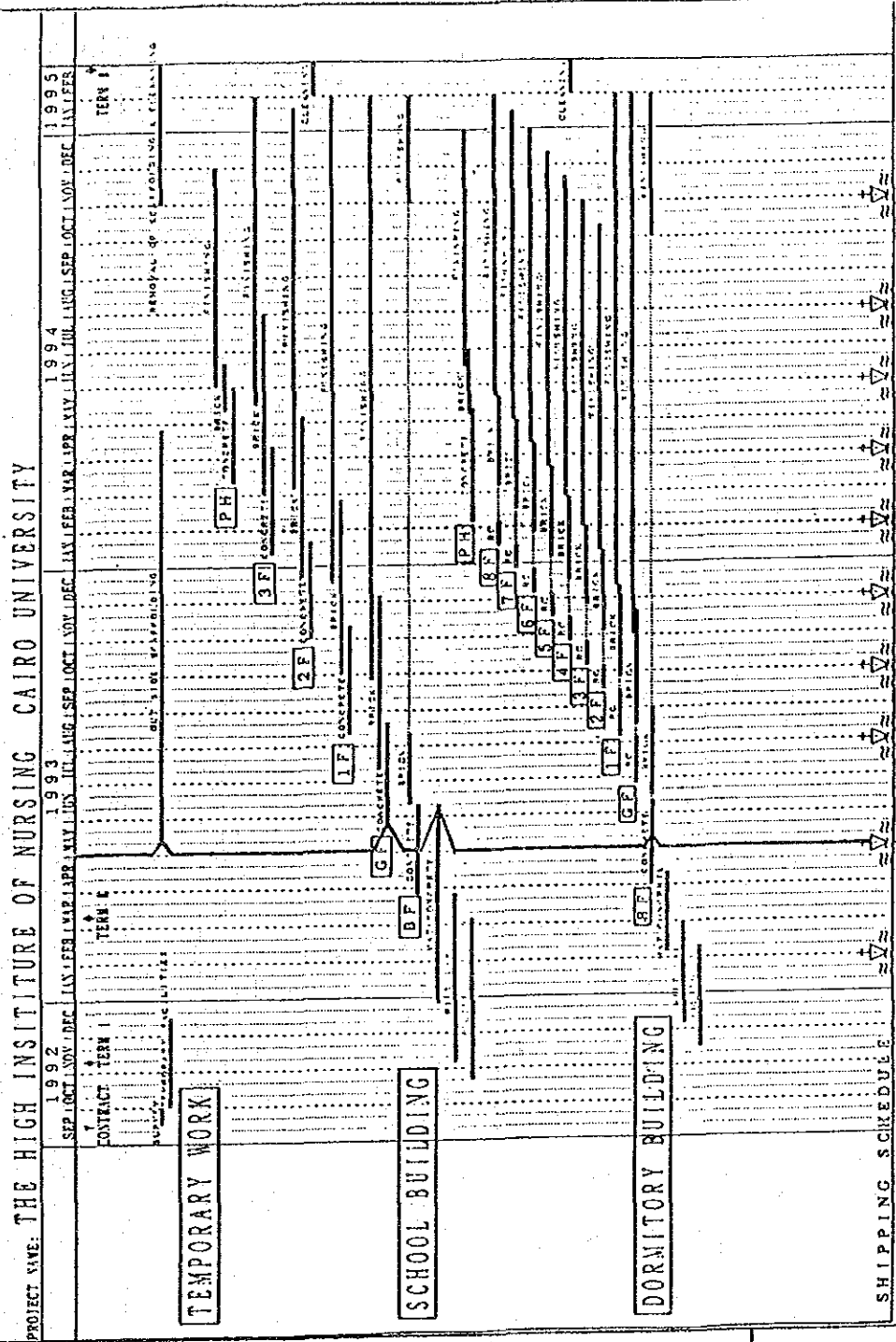
Administration

Administrator

60名

11. PROGRESS CHART

表よりも実際は2カ月程
早まる可能性ありとのこと



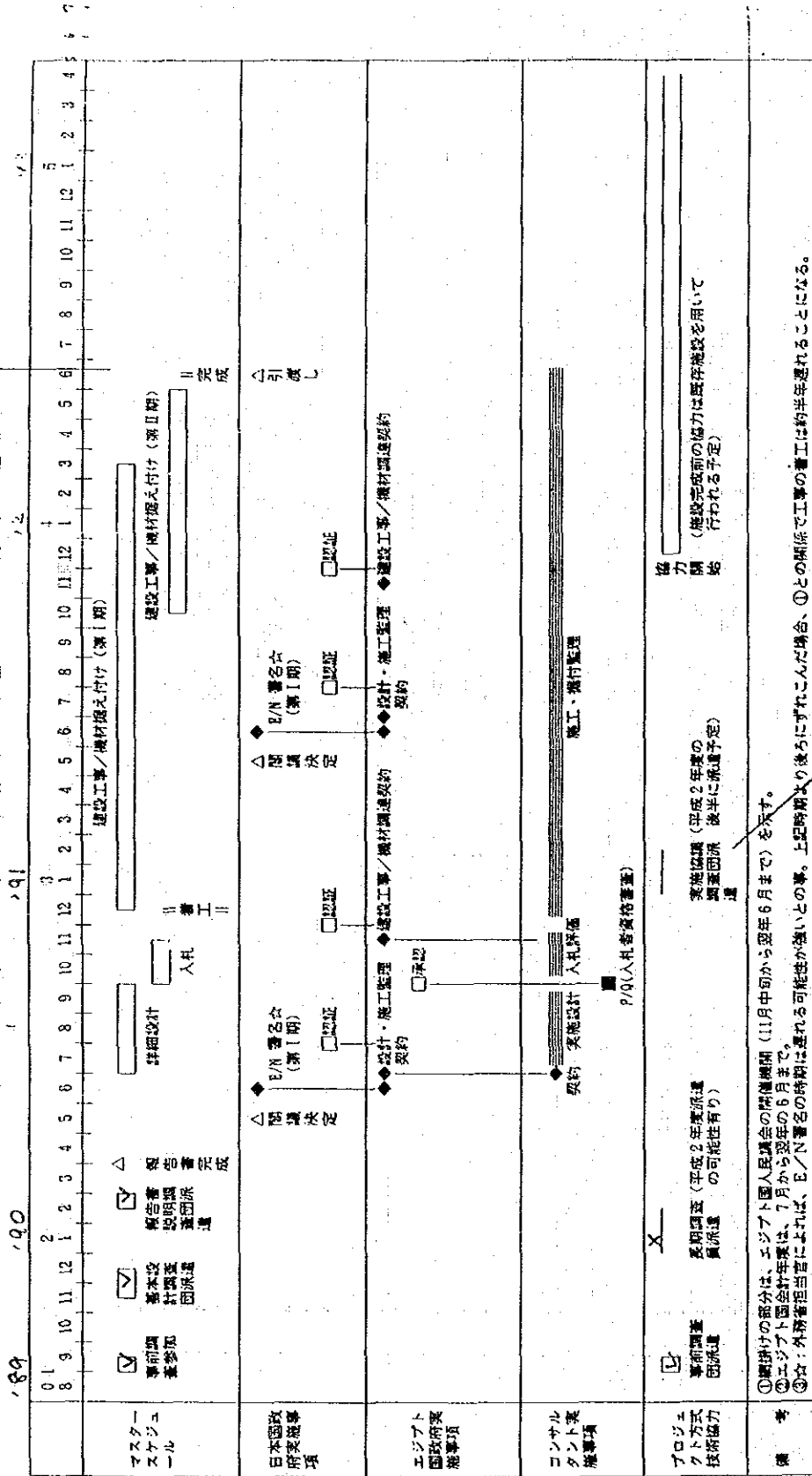
Prepared by Contractor

Acknowledged by NIKKEN SEKKEI LTD

ECH/CW/SPV/921015-1

「着工」

カイロ大学看護学部施設改修計画に係る実施工程表

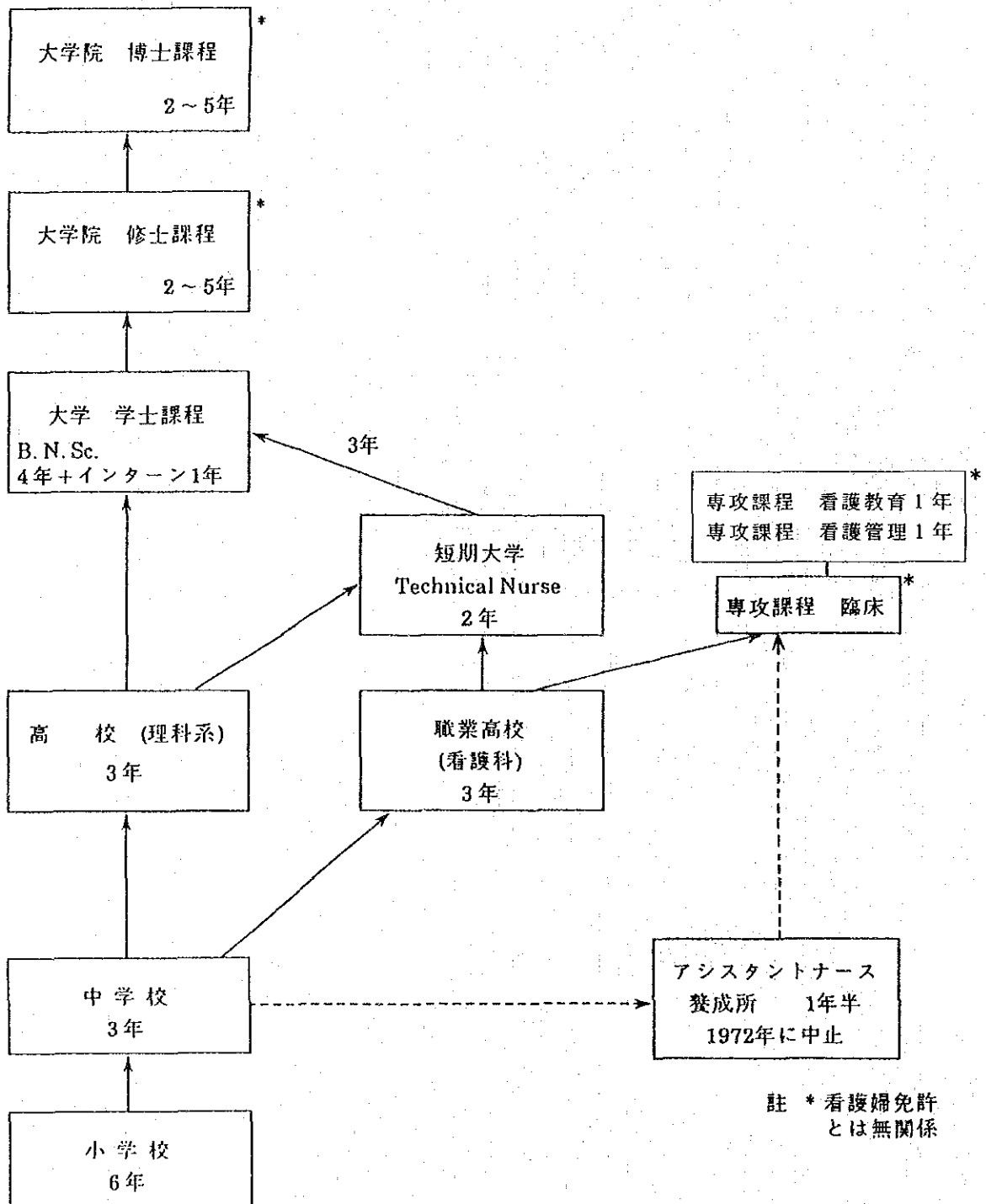


イラク・クウェート戦争 湾岸戦争

Number of Population, Births, Children Under Five Years in 1992 and IMR, CMR ik 1989 and Proportion of ARI to Total Deaths among Infant and Children Under 5 years.

Governorates	No. of population 1/7/1992	No. of births from 1/1 to 31/12/1992	No. of children under 5 years 1/7/1992	Infant Mortality Rate 1989 actual	Under -5* Mortality Rate 1989	Proportion of ARI deaths to 1990 for children	
						total <1	1 4 Under 5
CAIRO	6675000	179759	816353	37	47	17.14	18.92
ALEXANDRIA	3283000	79139	410375	26	34	30.28	27.9
PORT SAID	450000	9231	55980	26	33	17.08	21.57
SUEZ	381000	13033	55855	38	46	16.76	8.41
DAMIETTA	853000	23629	119761	21	32	19.07	21.33
DAKAHLIYA	4028000	106773	592116	26	42	26.2	27.82
SHARKIYA	3980000	118803	647148	35	58	26.77	30.99
CALYOUSIA	2896000	73627	471179	44	67	29.14	37.24
KAFR EL-SHEIKH	2130000	63472	323760	24	39	35.36	32.33
GHARBIYA	3282000	85116	475562	35	51	33.5	35.62
MENOUFIYA	2545000	66758	387095	41	62	39.14	41.74
BEHERA	3779000	104451	595193	33	51	30.5	33.52
ISMAILIA	641000	18891	97560	30	44	20.17	13.55
GIZA	4245000	133340	692784	43	65	21.65	28.2
BENI-SUEIF	1713000	61535	293266	54	88	24.32	30.08
FAYOUM	1866000	65186	339612	45	72	29.21	35.41
MENYA	3151000	120032	535355	52	90	34.23	40.69
ASSIUT	2552000	92994	443414	55	83	32.07	38.49
SOHAG	2862000	89641	471085	47	81	35.92	44.07
QENA	2732000	100879	452419	48	79	36.1	43.28
ASWAN	978000	32863	149830	64	97	18.72	25.96
RED SEA	106000	3539	17013	51	64	13.56	9.68
NEW VALLEY	130000	3223	20098	52	68	32.35	40.35
MATROUH	194000	6390	35657	24	35	23.35	25.3
NORTH-SINAI	204000	6555	30600	30	39	40	34.85
SOUTH-SINAI	33000	1014	5204	17	25	23.08	0
TOTAL	55789000	1659873	8534273	40	52	28.85	34.44
							30.66

The Under -5 Mortality Rate calculated according to the total number of deaths (under 5 years) to total births in the same year.



註 * 看護婦免許
とは無関係

エジプトの看護教育制度

**CAIRO UNIVERSITY
HIGHER INSTITUTE OF NURSING**



**DIRECTORY
FOR
" FRESHMEN"
(NEWLY ENROLLED STUDENTS)**

1992/1993

CAIRO UNIVERSITY
HIGHER INSTITUTE OF NURSING

DIRECTORY
FOR
"FRESHMEN"
(NEWLY ENROLLED STUDENTS)

1992 / 1993

INCEPTION OF THE UNIVERSITY
AND STAGES OF ITS DEVELOPMENT

The Egyptian University was officially inaugurated on 21 December 1908, and studies began in it on the evening of the same day, on a regular ground, within a narrow scope in the form of lectures given at different places in the evening, which were announced in the daily papers.

EVOLUTION OF THE UNIVERSITY

- * LECTURES that were given to students when the University was first inaugurated in 1908, were confined to the following subjects :
ISLAMIC CIVILIZATION - ANCIENT CIVILIZATION IN EGYPT AND THE EAST - GEOGRAPHY AND HISTORY OF THE ARABS - FRENCH LANGUAGE LITERATURE - ENGLISH LANGUAGE LITERATURE.
- * In the next year, new studies were introduced in physics and mathematics.
- * In 1923, the Minister of Education issued a decree forming a COMMITTEE to set the system of study in the FOUR SECTIONS OF THE UNIVERSITY, namely : ARTS - SCIENCE - MEDICINE - LAW.
- * In March, 1925, a DECREE LAW was issued on the establishment of the Egyptian University.
- * In 1935, the High colleges of Engineering, Agriculture, Commerce, and Veterinary Medicine, were annexed to the Egyptian University.
- * In 1940, the Egyptian University was given the name of : FOUAD THE FIRST UNIVERSITY.

* In 1953 a Decree was issued amending the name of FOUAD 1st UNIVERSITY to CAIRO UNIVERSITY.

* The UNIVERSITY completed its faculties, institutes and branches until it became the following form :

FACULTIES AND INSTITUTES OF THE UNIVERSITY :

CAIRO UNIVERSITY COMPRISES THE FOLLOWING FACULTIES AND INSTITUTES:

- * FACULTY OF ARTS
- * FACULTY OF LAW
- * FACULTY OF ECONOMY AND POLITICAL SCIENCE
- * FACULTY OF COMMERCE
- * FACULTY OF SCIENCE
- * FACULTY OF MEDICINE (TO WHICH THE HIGHER INSTITUTE OF NURSING IS ATTACHED [1])
- * FACULTY OF PHYSIO THERAPY
- * FACULTY OF DENTISTRY * FACULTY OF PHARMACY * FACULTY OF ENGINEERING
- * FACULTY OF AGRICULTURE * FACULTY OF VETERINARY MEDICINE * FACULTY OF SCIEN
- * FACULTY OF INFORMATION
- * FACULTY OF ARCHEOLOGY
- * INSTITUTE OF STATISTICAL STUDIES AND RESEARCH
- * INSTITUTE OF AFRICAN RESEARCH AND STUDIES
- * NATIONAL INSTITUTE OF TUMOURS
- * FACULTY OF URBAN PLANNING
- * INSTITUTE OF PADEGOGIC STUDIES AND RESEARCH

BRANCHES OF THE UNIVERSITY

* THERE ARE THREE BRANCHES OF THE UNIVERSITY, namely :

CAIRO UNIVERSITY BRANCH IN KHARTOUM :

This BRANCH was established by virtue of a bilateral agreement signed in 1955 between the Government of the ARAB REPUBLIC OF

[1] The University is working on changing the Institute's name into FACULTY

authorized for taking out of the Library on loan.

The Library is also fitted with a hall for audio aids in order to serve the blinds among the students and researchers.

MEDICAL SERVICES :

The following quarters join in rendering this service to the University students :

* GENERAL DEPARTMENT FOR MEDICAL AFFAIRS :

The premises of this Department are located at 12 Nafeh Ben Zeid Street, Giza. The Department is concerned with the medical examination of fresh students , and with health control in the University Cities and Restaurants, as well as in providing all medical treatment services to the University male and female students. Attached to this Department are Dentistry clinics in the different faculties , which are concerned with medical examination and treatment of the students.

* STUDENT HOSPITAL :

The Students Hospital is located in Giza Square. It is equipped with up to date medical equipment and apparatuses; and attached to it is also an out-patient polyclinics where male and female students are received and medically examined, and the necessary medical treatment is prescribed for them.

At the Hospital surgical interventions are carried out in most medical specializations. It is also provided with a Pharmacy to issue the medicines and pharmaceuticals required for the students beside Sections for analyses, as well as a Unit for testing the hearing, and cardiography are also provided.

Medical services are rendered free to male and female students,

providing that the medical service fee is paid.

UNIVERSITY CITIES :

Three University Cities are now attached to the University, for the dwelling of male and female students coming from remote regions and abroad. Such cities has a capacity for a ccommodati: 10000 students. Two of these cities are appropriated for male students.

The University cities are provided with restaurants serving meals to the male and female students whether resident or non-resident in the cities. To the University cities are also attached restaurants in the Faculties of Medicine, Agriculture, Engineering, and Urban Planning, which serve the meals to male and female students against food coupons.

THE MAIN UNIVERSITY CITY :

It lies in Sarwat Street, District of BEN EL SARAYAT, Giza. It has a capacity for accommodating 4000 students.

STUDENT CARE CITY :

This city is located in Boulac el Dakrour, and is furnished and fitted for accommodation of 2500 students approximately.

FEMALE STUDENTS CITY :

It is located in Giza Square, and has a capacity to accommodate some 3500 female students.

GENERAL DEPARTMENT FOR YOUTHS WELFARE :

This Department supervises the sporting, social, cultural and artistic activities, as well as the Rovers' Activities in the University.

It is located in the University Male Students City which is provided with the University Playing Grounds for all aspects of collective and individual sporting activities.

STUDENT UNIONS :

The Student Unions aim at the following :

- 1- Promoting spiritual and moral values as well as national consciousness among students, and having them used to leadership. Besides, availing the chance for them to give a responsible expression of their views
- 2- Instilling the sound university spirit in the students, and creating firmer bonds and links between them and members of the teaching staff and the working force of the University.
- 3- Discovering the talents, abilities, and skills of students, and burnishing and encouraging them.
- 4- Spreading and encouraging cooperative, scouting, cultural and artistic families and societies and enhancing their level, along with encouraging those who excel among them.
- 5- Re-organizing the means of benefiting of the capacities of students in the service of society, for the good and benefit of the nation.

RECIPROCAL SOCIAL SUPPORT FUND :

This FUND aims at realizing social guarantee for students, in its various shapes. It also aims at contributing to implementing student services and help them solve the problems facing them which stand in the way of their educational career.

[IN THE NAME OF GOD MOST MERCIFUL]

SPEECH

OF THE INSTITUTE'S DIRECTOR : Prof. Dr IMAN
MOSTAFA MURAD.

My Daughters, Students of
The High Institute Of Nursing.

If our pleasure to receive the Fresh Students
who have adopted the Profession Of Nursing as a career
for their scientific and practical life, alike. You
shall be proud of this noble profession which has been
practised by the Arab Women since the dawn of Islam ,
thereby participating in ISLAMIC JIHAD (HOLY WAR) FOR
GOD.

MY DAUGHTER, STUDENT ,
NURSING is a human profession and noble message which
requires from you to be familiar with various knowledge
aspects in different human, psychological, social, educa-
tional, and managerial scientific aspects. It is
a profession demanding many skills and adept learning.
It will always be your duty to continue to read, research,
and innovate until you reach with the nursing profession
a proper level in our cherished nation "EGYPT".

My Daughter, be an honorable example for
others , in your abundant knowledge, liberal character,
and nobility of manners and morals . In fact, you are our
hope for an ennobling future which we hope
it will be better than the past and the present.

May God speed your steps and protect you in your endeavours,
toward a brightful career.

INSTITUTE'S DIRECTOR
Prof. Dr IMAN MOURAD

HIGHER INSTITUTE OF NURSING

(CAIRO UNIVERSITY)

BRIEF HISTORY

The Board of CAIRO UNIVERSITY approved on 9 October, 1963, the establishment of the HIGH INSTITUTE OF NURSING, so that studies in it would begin effective the year 1964/65.

PURPOSE OF ESTABLISHING THE INSTITUTE :

The purpose of establishing the Institute, when inaugurated, was to establish University Nursing Studies, in order to turn out graduates possessing distinguished culture to assume the task of technical supervision of nursing in hospitals, and teach the art of nursing, as well as contribute to public health works and activities and spread health education and culture in the country. The purpose of the Institute was also to prepare nurses at the highest level qualifying them to assume the responsibility and charge of improving and promoting the nursing process, teaching the workers in this sector, and rendering nursing services.

- Studies at the Institute began in the year 1964/65 for the stage of Bachelor's degree. The number of students was SEVEN female at the time.
- On 27 April, 1965, agreement was reached between the Arab Republic of Egypt, as represented by the Minister of Health, and the WORLD HEALTH ORGANIZATION (WHO), whereby WHO would contribute toward developing the INSTITUTE and provide the necessary assistance comprising teachers, grants, and educational methods and articles, besides the printings, for a period of TEN years.

- The first batch graduated in the year 1968. They were five female graduates.
- The Agreement Concerning the Institute, between the Arab Republic of Egypt and the World Health Organization (WHO) expired in the year 1975.
- Studies at the Institute last for FOUR Academic Years, followed by a mandatory training year under the supervision of the Institute.
- The Mandatory Training Year was applied to the graduates of the Institute , starting with the 1971 graduates

CAIRO UNIVERSITY

High Institute Of
Nursing

The administration of the Institute was assumed, from the date of its inception, by :

- 1- Mrs. RITA DONEIL HILL (Expert from the World Health Organization (WHO) , from 1964 to 1975 .)
- 2- Mrs. Prof. Dr Iman Mostafa Morad, from 1975 to October 1989.
- 3- Prof. Dr Shehrezad Mohamed Khaled Ghazy, from October 1989 to January, 1992.
- 4- Prof. Dr Iman Mostafa Morad : From 14 October, 1992.

DEANS OF THE FACULTY OF MEDICINE, AND BOARD CHAIRMEN OF THE INSTITUTE, SINCE ITS INCEPTION UNTIL NOW :

- 1- Prof Dr. Mahmoud Samy.
- 2- Prof Dr Aly Hassan Serour.
- 3- Prof Dr Hassan Ibrahim.
- 4- Prof Dr Hassan Hamdy
- 5- Prof Dr Yehya Taher.

- 6 - Prof. Dr Hashem Fouad.
- 7 - Prof. Dr Yehya Al Bitawy.
- 8 - Prof. Dr Khayry Samra

WORKING IN THE LIBRARY ARE ONE DIRECTOR AND SIX TRUSTEES :

- 1. Mrs. SCHAIR MOHAMED MOHAMED MOSTAFA : DIRECTOR OF THE LIBRARY
- 2. Mrs. MADIHA MAHMOUD AHMED : TRUSTEE
- 3. Miss Mona Ashmawy Aly : TRUSTEE
- 4. Mrs. OMayma MAHMOUD AHMED : TRUSTEE
- 5. Mrs. AISHA SAID YOUSSEF : TRUSTEE
- 6. Mrs. HODA MOHAMED AHMED MOHAMED : TRUSTEE
- 7. Mrs. SAHAR TAHA SAYED AHMED : TRUSTEE

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PHILOSOPHY AND PURPOSES OF THE
HIGH INSTITUTE OF NURSING

The philosophical concept of the Higher Institute of Nursing - Cairo University - is based on the view that MAN is a living creature motivated by natural, moral, and mental forces. Man passes through continuous changes in a changing society, and is affected by social, natural, and emotional intermingled factors . In spite of that, MAN is a unique creature in his roots and origins, experiences, culture, and social and economic environment. This should therefore be taken into consideration when dealing therewith.

GENERAL PURPOSE OF THE CURRICULA :

The purpose thereof is that the role of the nurse following her graduation shall be to facilitate caring in the different societies, and in so doing she will depend on her academic

カイロ大学病院

病院の歴史

カイロ大学病院の最初の大病院はカスル エル アイニ病院で、1831年に設立された。当時はコレラ、ペストの大流行中で直ちにこの治療にあたらねばならなかった。この建物はオスマントルコ時代のサルタン、ケシュクダンの長男であるアハメッド イブン エル アイニの宮殿として1466年に建てられたものであった。

またこの宮殿はフランス軍の駐留中はその宿舎として用いられ、モハメッド アリの時代には軍病院として使用されていたものであった。この病院に改増築を行いながら、1887年に病院として完成させ1977年まで使用された。

一方で患者数の増加に併せて新病院の建設が計画され、現在も医学部、総合病院本部として使用されているマニエル病院が1928年に最新の設備をもって完成した。この病院はカスル アイニ病院から橋ひとつ隔てたナイル川に浮かぶロード島の南端に位置している。当時既に大規模の外来棟と検査施設、病棟が設置され中近東一の病院であった。病棟部門は三階建てで、中央に幅10メートルはある廊下がはしり、その両側にV字の下の部分が廊下に接している、一方は男子病棟、もう一方は女子病棟となっている、いまの空港の飛行機発着ターミナルを思わせるようなデザインとなっている病院である。現在も一日に何千人という人々が利用している。

第三の病院はエル ムニラ地区に建設された小児病院で1938年に完成した。この小児病院はカスル エル アイニ病院から二ブロックほど離れたところにある。小児病院は道路名にちなんで、ムシュタスファ（アラビア語で病院）アポリシュと呼ばれ、何千、何万ということもたちが治療をうけ、多くの小児科医が育っていった。

この小児病院建物の老朽化に対する建て替えのために、日本政府が贈与したのが新小児病院である。新小児病院の敷地にはポリオ研究所があったが、これを契機に都心からやや離れたナイル川西岸に移転された（インババ地区）。

次に癌研究所が1969年に設立され、病床数300床を現在は500床に増床して医学部関連施設として活動している。

最初の病院であったカスル エル アイニ病院は取り壊され、そのあとに14階建1,100床の新病院がフランス政府からの有償資金協力により1991年に完成した（1993年9月現在未開院）。

今や、カイロ大学病院は拡大に拡大を重ね、3000床以上の規模となり、その専属医師数1000名以上、看護婦800名余り、その他多くのコーメヂカル スタッフの訓練、研究の場となっている。ここでの職員数は数千人にのぼる（医学部教授数700余名）。

大学病院の看護

看護はこの病院の発展と共に常に歩んできた。看護婦の養成は病院の開始とはほぼ時を同じくして始められたが、初期においては医師は無資格の人々を助手として、あるいは見習いとして医療をおこなっていた。看護婦学校出身の看護婦がでる一方で、無資格ではあるが各病棟、施設で医師のアシストを業とする人々が出現したのである。この人々には男性が多かった。また入院患者の身の回りの世話は家族のしごとであった。

英国の看護婦が看護総監に就任してからも、看護業務は看護婦、看護婦生徒、看護助手によって行われていた。看護学校の内容は1930年代になって初めてカリキュラムが、学校教育にふさわしいものとなり1956年まで続けられた。

この間の看護婦養成は徒弟教育であり、生徒も日々の看護業務の多くを担っていた。新しく入学した生徒は全員寄宿舎に入り、病院の看護要員となり、日勤、夜勤を行いながら授業に出席し、病棟や外来では実務について婦長の指導を受け訓練されるのである。

従って修業年限を修了し卒業すると、すぐにある責任をもち勤務できるだけの実力をつけていたのであった。また、卒業しスタッフとなると同時に生徒達の臨床指導にあたるのが常であった。病棟はスタッフ ナース 1人と生徒数名及び助手達で運営し、数病棟を1名の婦長が監督指導、管理する習わしであった。少なくとも英国人の総婦長やシニアのエジプト人婦長が働いていた時代とその直後の1950年代までは総婦長、病棟婦長の一括指導のもとに統制のよくとれたナイチンゲール式看護がカイロ大学病院では行われていた。

医師と看護婦は同僚としてお互いに協力し、良い関係で患者のケアが行われていたと多くの人々が証言している。確かに、現在でもそのころ共に働いていた看護婦と医師はお互いに尊敬し合いながらよい関係である。現在の病院内のあちこちでみられる医師対看護婦の主従的な雰囲気はみられない。

1952年ナセル率いる青年将校団によって革命が成功し王制がたおれ、政治、経済、社会、教育制度の大幅な改革が行われた。

エジプトは第二次世界大戦直後のイスラエル独立に関して勃発した、第一次中東戦争に参加した。その後さらに第二次（1956年）第三次（1967年）中東戦争にかかわりいずれも敗退している。しかし1973年の第四次中東戦争でイスラエルに勝利し、国内の政治的不安定要素を幾分か緩和した。その後有名なイスラエルとの和平条約をサダト大統領は行い、これに続いて経済解放政策を取り、社会主義政策から徐々に西側に移行して来た。

これらの社会的変動はカイロ大学病院の看護にも大きく関与している。1950年代の後半には看護婦養成が大学病院だけでは追い付けなくなり、保健省が病院を新設する度に看護学校も設置された。大学病院の看護は革命後、英国人幹部看護婦がいつせいに引き上げていったのち、総てがエジプト人看護婦にその責任が託されたのである。1960年前半までは秩序ある

医療ケアが大学病院ではなされていたといわれる。しかし、ナセル大統領が主唱していたエジプトはアラブ諸国の長兄であるとして、高等教育の充実をはかる方針がとられていた。特に医師の養成には力がいれられ1965年の医学部卒業生は全国で約1千名だったものが5年後の1970年には2700名、さらに1975年に3700名、1980年には5500名と急激な伸びを示した(1988年には約7000名)。

これは一学年に1000名以上の学生を受け入れる医学部が3～4校もでき、教授数、教室数、病床数も大不足となった。このような理由から本来はきめ細かい教育であらねばならない医学教育がマスプロ教育で行われる結果となったのである。この医師の多人数養成政策も国内に医師が充足されてきたこと、アラブ諸国も自国で医師の養成を行うようになったことなどを理由に医学部学生数の減少が行われている。

医師一人あたりの人口は1965年に2300人であったものが、1984年には770人となっている。(日本では1984年医師1人対人口770人)。1988年当時医師登録は約8万人であるのに対して看護婦登録はあらゆる種類の養成を受けたものを含めても約5万人であった(1993年看護婦登録数約6万人、医師約11万人)。

医師の教育にたいして看護婦養成の教育政策は大分おくれた。

1952年の独立以降は保健省に対してWHOが多額の援助を保健政策について実施した。特に看護婦養成については、保健省にその主力が移動し、プログラムやカリキュラムの作成、改定がなされていった。カイロ大学看護学校もカリキュラムについてはそれに準じたものの、学校独自に運営された。一方看護の高等教育がWHOの指導のもとアレキサンドリア大学医学部に併設され、1954年にHigh Institute of Nursing(修士課程、博士課程が整えられるとHigher Instituteと呼称される。)として発足した。またこの卒業生によって1964年にカイロ大学医学部に看護学科が併設された。

しかし看護学科の卒業生はごく少数であり、主として新設の病院の総婦長などに任命されるため、大学病院の看護婦の供給は従来からの看護学校(1973年以降は学生改革によって高等学校看護科)の卒業生にたよっている。1970年代の医師の大量生産によって入院患者は増大した。しかし看護婦の養成は間に合わず大学病院では看護婦より医師の数の方が3～4倍と言う病棟もでてきた。看護学校は中等職業教育となったため、生徒は看護要員から切り離された。これによって、一時期極端に看護婦の数が減少してしまったのである。同時に1980年代初めまでで英国人看護婦の厳しい訓練を受けて、良い仕事をしていた看護指導者たちが定年を迎え現場から去っていった。

このあとを継ぐべきと期待されていた大学卒の看護婦たちの多くが、その良き質をかわれて、石油景気に沸くサウジアラビアや湾岸諸国へ技術流出されてしまったのは、なんとしてもエジプトの民衆にとっては運のわるいことであった。

カイロ大学看護高等学校は組織上は総長管轄下にあり医学部には付属していない。従っておなじ大学に属しながらも看護学科と看護高等学校はその運営も教授陣も全く関係ないのである。

カイロ大学病院の看護形態

看護婦全体の管理は各病院の総婦長室で行われるが、これは労務管理に主眼をおいているといつてよかろう。勤務表をつくり、出勤を管理し、日々の、また各シフトごとの勤務者を報告するということを、じつに細かく手作業で行う。それに加えて、時をかまわず、何人からの看護婦にたいしてのクレームも処理する。クレームは大体において患者からであったり、医師であったりする。その種類に応じてクレームは文章化され訴えた人の署名がなされ保管される。これが当事者となった看護婦の個人ファイルに加えられて評価の際に資料となってしまうのである。ここでは罰則権をそれぞれの長は持っており、手当のカット、出勤停止、配置転換などができる。しかし、婦長の決裁に不服を申し立て、院長に訴えることができ、さらに総合病院長、医学部長へと意義を申し立てることができる。(この現実がまた総婦長のリターンシップにはどめをかけてしまっている。)

病棟や外来における看護は、スーパーバイザーの称号を持つ看護婦が病棟に配属されて、この人によって病棟管理が行われているが、おもに物品の調達の仕事で、病棟に入院している患者のケアの責任をもつといったものではない。

(註：スーパーバイザーは称号で大学卒の看護婦は卒業証書と一緒に、看護高等学校卒業生は臨床経験5年の後にあたえられる。ただし、これはカイロ大学病院においてのことである。)

夜間の看護全体の責任は夜勤のスーパーバイザーがうける。夜勤は1カ月継続するために、夜勤をだしている病棟では色々なことが、代行をおかないシステムの為にとどこおる。スーパーバイザーは物品保管の責任者となっているので鍵をもっているが、よほどのことでない限り鍵は他の人にひきつがないので、ものが使えないことがおこる。個々の看護婦は日勤では決められた病室を受け持ち、医師の指示を施行していくが、患者の看護上の問題を解決するといった看護まではおこなっていない。かつてはモーニングケア(あさの洗面、からだの清拭、排泄の世話)を看護婦はすべて行っていたと言われるのであるが、いつの頃からか、これは家族の役割になっている。

これは1960年から1970年代にかけて学制の変革、プログラム、カリキュラムの変更、医学部学生数の急増、学科中心教育になったのに学校側の臨床指導教師は確保されていなかったためなのか。あるいはこの時期に医学の急速な進歩のために、看護教育が対応できなかったのか、現在病院での患者の治療上におおきな問題となっていることは否めない。

5才以下の死因について：

エジプトの1992年の総人口は55,789,000人であり、年間の人口増加数は120万人である。その70%はカイロ、ギザ以北に集中しており、以南のナイル上流地域とファユーム、シナイ半島、紅海沿岸に30%が居住している。

医療施設は70%の人口が集中しているカイロ以北に集中しており、ナイル川上流地域の人口集中地域は別として、シナイ半島、内陸部には散在しているにすぎない。1989年の5才以下の死亡率をみると、70以上を示しているのはベニセフ、ファユーム、メニア、アシウト、ソハグ、ケナ、アスワンとナイル上流南部の地域である。しかし、医療施設や医療要員の少ないシナイ半島では40前後であるので、気温など他の要因が死亡に影響を与えていることもあり得るのではなかろうか。

1才以下の死亡原因は下痢、急性呼吸器疾患、妊娠期および出産時の合併症が三大原因とされているが、1987年には第一位の下痢が急性呼吸器疾患に追い越されて2位となっている。これは保健省が全国レベルで展開した1983年からの下痢感染症対策プロジェクトによって下痢が減少したといわれている。一方5才未満の死亡原因は1985年より下痢を追い抜いて急性呼吸器疾患が1位となっている。(資料参照)

乳幼児の下痢、呼吸器疾患は家庭におけるケアによって予防が可能である。母親への病気の知識の伝達、健康教育、簡単な家庭で行える治療方法、看護の教育は看護婦の大きな役割である。

Number of Population, Births, Children Under Five Years in 1992 and IMR, CMR, ik 1989 and Proportion of ARI to Total Deaths among Infant and Children Under 5 years.

Governorates	No. of population 1/7/1992	no. of births from 1/1 to 31/12/1992	No. of children under 5 years 1/7/1992	Infant Mortality Rate 1989 actual ADJ	Under -5 Mortality Rate 1989	Proportion of ARI deaths to 1990		
						total <1	for children 1 4 Under 5	
CAIRO	6675000	179759	816353	37	47	17.14	18.92	17.5
ALEXANDRIA	3283000	79139	410375	26	34	30.28	27.9	29.71
PORT SAID	450000	9231	55980	26	33	17.08	21.57	17.87
SUEZ	361000	13033	55855	38	46	16.76	8.41	14.88
DAMIETTA	853000	23629	119761	21	32	19.07	21.33	19.67
DAKAHLIYA	4028000	106773	592116	26	42	26.2	27.82	26.78
SHARKIYA	3980000	118803	647148	35	58	26.77	30.99	28.35
QALYUBIA	2896000	73627	471179	44	67	29.14	37.24	31.63
KAFR EL-SHEIKH	2130000	63472	323760	24	39	35.36	32.33	34.26
GARBA	3282000	85116	475562	36	51	33.5	35.62	34.1
MENOUFIYA	2545000	66758	387095	41	62	39.14	41.74	39.99
BEHEIRA	3779000	104451	595193	33	51	30.5	33.52	31.53
ISMAILIA	641000	18891	97560	30	44	20.17	13.56	18.2
GIZA	4245000	133340	692784	43	65	21.66	28.2	23.69
BENI-SUEIF	1713000	61535	293266	54	88	24.32	30.08	26.35
FAYOUM	1866000	65186	339612	45	72	29.21	35.41	31.54
MENYA	3151000	120032	535355	52	90	34.23	40.69	35.5
ASSIUT	2652000	92994	443414	55	83	32.07	38.49	33.99
SOPAG	2862000	89641	471085	47	81	36.92	44.07	39.52
QENA	2732000	100879	452419	48	79	36.1	43.28	38.95
ASWAN	978000	32863	149830	64	97	18.72	25.96	20.89
RED SEA	106000	3539	17013	51	64	13.56	9.68	12.75
NEW VALLEY	130000	3223	20098	52	68	32.35	40.35	34.36
MATROUH	194000	6390	35657	24	35	23.35	25.3	24.11
NORTH -SINAI	204000	6555	30600	30	39	40	34.85	38.53
SOUTH- SINAI	33000	1014	5204	17	25	23.08	—	13.04
TOTAL	55789000	1659873	8534273	40	52	28.85	34.44	30.66

* The Under -5 Mortality Rate calculated according to the total number of deaths (under 5 years) to total births in the same year.

Figure (2.3)
INFANT DEATHS IN EGYPT DUE TO DIARRHOEAL DISEASES, ACUTE RESPIRATORY INFECTIONS AND COMPLICATIONS OF PREGNANCY AND DELIVERY.

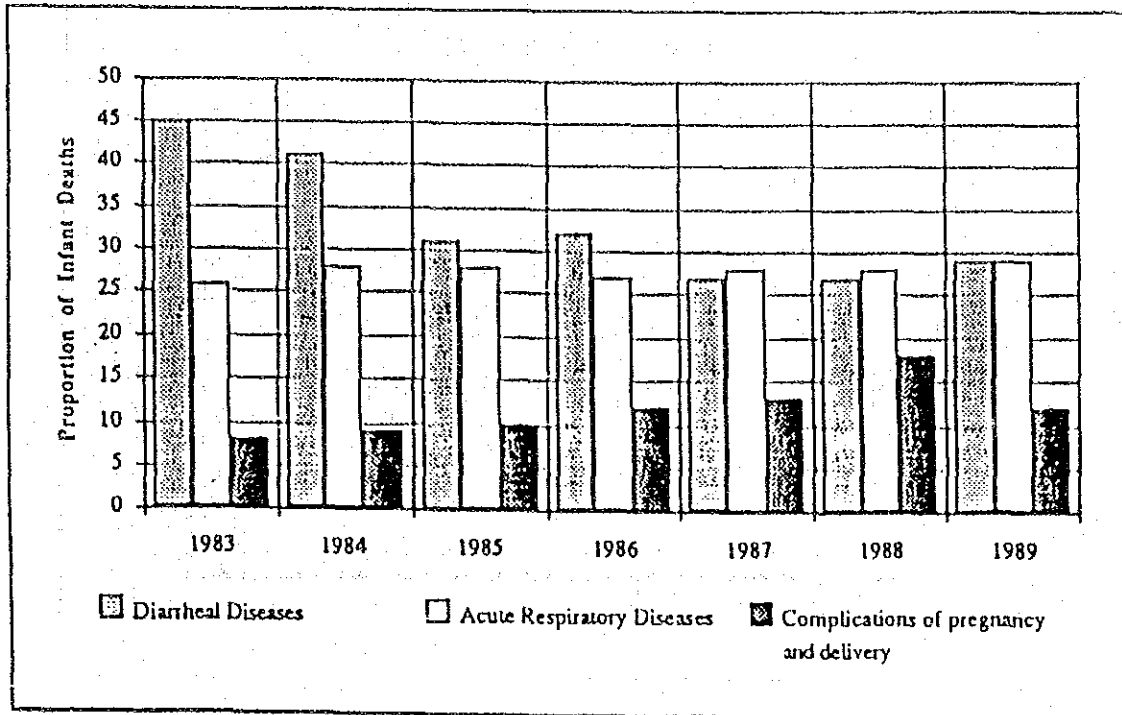


Figure (2.4)
CHILD DEATHS (IN AGE 1-4 YEARS) IN EGYPT DUE TO DIARRHOEAL DISEASES AND ACUTE RESPIRATORY INFECTIONS

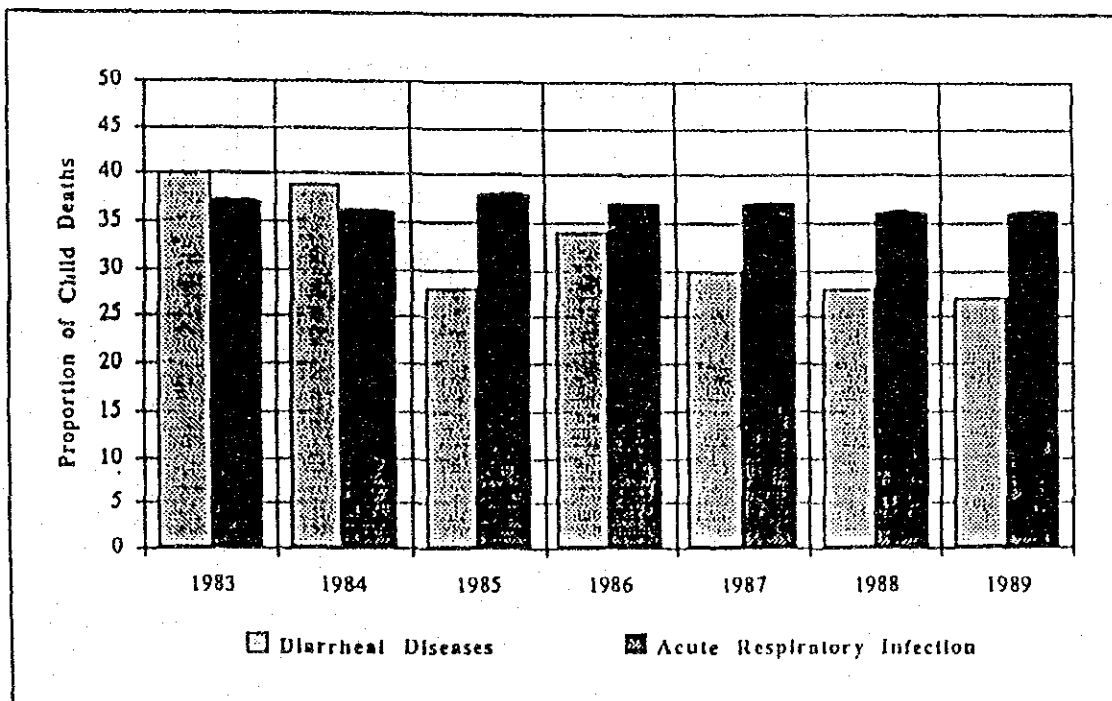


Figure I-6

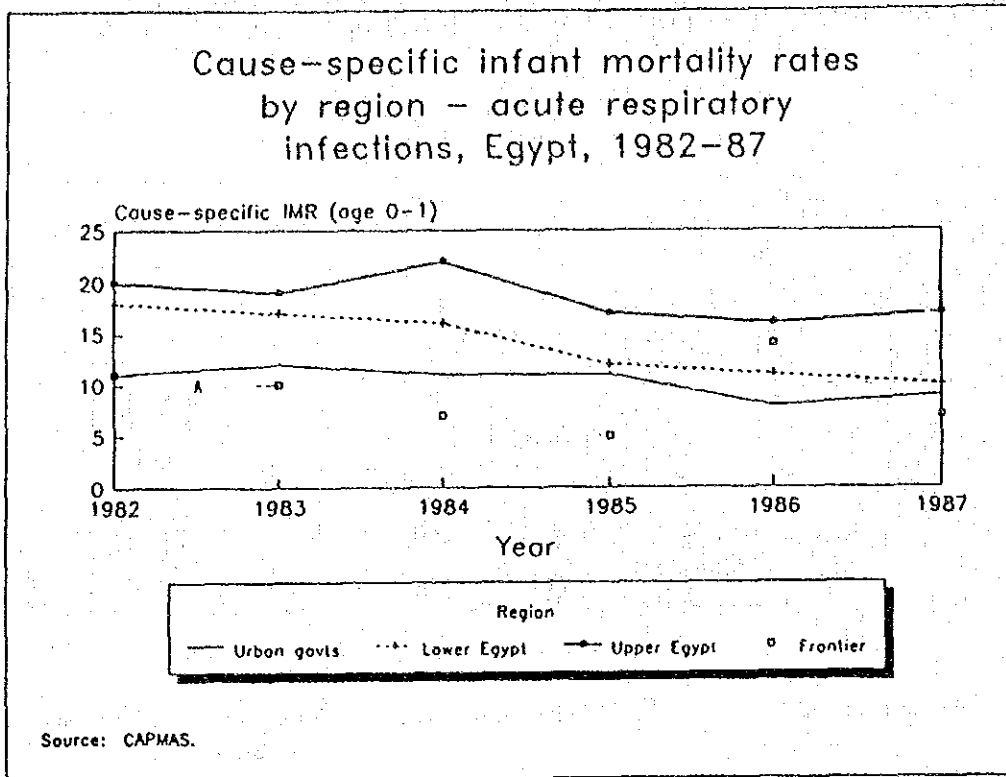


Table I-25

Percent decline in
ARI-specific infant mortality
rate between 1982 and 1987 by
region, Egypt

Region	
Urban govts	18%
Lower Egypt	44%
Upper Egypt	15%
Frontier	36%
Egypt	24%

Figure I-5

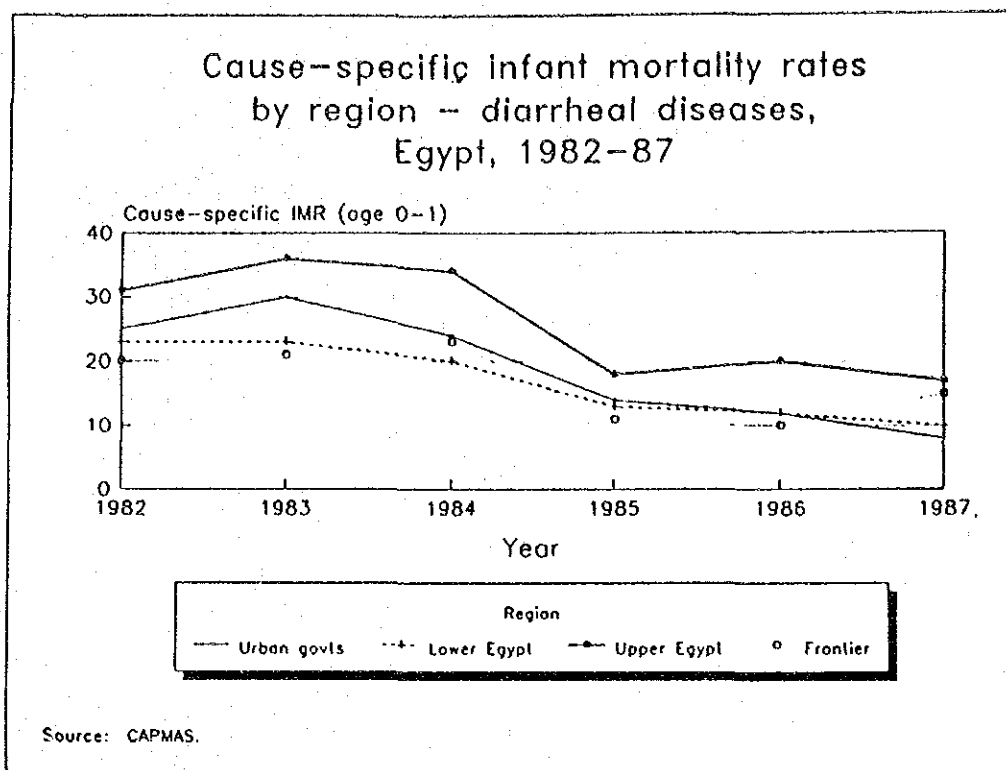


Table I-23

Percent decline in
diarrhea-specific infant
mortality rate between 1982
and 1987 by region, Egypt

Region	
Urban govts	68%
Lower Egypt	57%
Upper Egypt	45%
Frontier	25%
Egypt	54%

看護規準について：

エジプトにおいてはこの数年間アメリカの NGO のホープ プロジェクトの援助を受けて大学 HIN、医学部の教授、保健省看護課長、看護協会会長、教育省課長およびホープ プロジェクトのコーディネーターが委員会を結成し [エジプトに於ける看護規準] の協議が行われていた。最近、その結果が発表された。ホープ プロジェクトから資料を入手したので添付する。

STANDARDS FOR NURSING IN EGYPT

STANDARDS FOR NURSING PRACTICE IN EGYPT

This publication sets forth Standards for Nursing in Egypt as developed by the Nursing Standards Committee of the Executive Board of the Project to Promote the Development of High Institutes of Nursing in Egypt.

Adopted June 17, 1991

Arabic translation November 7, 1991

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INTRODUCTION

In recognition of the importance for Nursing to better perform its' functions and assure quality of Nursing care to the people of Egypt, the Nursing Standards Committee presents these Nursing Standards.

Nursing has the responsibility:

- to establish Standards
- to maintain Standards
- to improve Standards
- to keep nurse members up to Standards
- to educate the public to appreciate and/or expect Standards.

Implementation of Standards for Nursing is implementina a process to insure quality and cost control.

DEFINITION OF NURSING

Nursing is an art and science based on knowledge, skills, and attitudes aimed at assisting the individual, family, and community in health and illness: to maintain health; to prevent illness; to alleviate physical, biological, and psychological pain; to avoid complications; and to fulfill self-reliance in meeting daily health needs.

STANDARDS FOR NURSING IN EGYPT

Standards for the Nurse

Standard 1: Values

The nurse values the individual as a unique human being with worth and dignity without regard to sex, ethnic group, race, culture, religion, or economic status.

Standard 2: Scope

The nurse helps individuals, families, groups, and communities attain and maintain optimum health.

Standard 3: Environment

The nurse promotes an environment free from hazards to reproduction, growth and development, wellness, or to recovery from illness through identification of risk factors in the environment and in life styles.

Standard 4: Professional Development

The nurse assumes responsibility for professional development and continuing education and contributes to the professional growth of others.

The nurse participates in peer review and utilizes other means of evaluation to assure quality of nursing practice.

Standard 5: Collaboration in Care

The nurse collaborates with other health care providers in the provision of services to clients. Collaboration among professionals is essential to promote efficient and effective care and to help the client achieve optimum health.

Standard 6: Ethics

The nurse uses the code for nurses as a guide for ethical decision making in practice.

Standards for Clinical Practice:

Standard 1: Knowledge Base

The nurse applies knowledge learned in the physical, social and biological sciences and the humanities as well as nursing courses as a basis for decisions in practice.

Standard 2: Assessment (Data Collection)

The nurse systematically and continually collects data regarding the health status of the client. The data are recorded, accessible, and communicated to appropriate members of the multidisciplinary health team.

Standard 3: Need Identification (Nursing Diagnoses)

The nurse analyzes assessment data to identify unmet needs or to formulate nursing diagnoses.

Standard 4: Planning

The nurse sets a goal to address the need and develops a care plan that is individualized to the client: individual, family, group, and/or community. This plan incorporates preventive, therapeutic, and rehabilitative nursing actions at the primary, secondary, or tertiary level of prevention.

Standard 5: Intervention

The nurse implements the nursing care plan; the nurse guided by the plan intervenes to promote, maintain, or restore health, to prevent illness, and to effect rehabilitation.

Standard 6: Evaluation

The nurse regularly and systematically evaluates the client's; Individual, family, group, and/or Community; responses to Nursing interventions implemented in order to determine progress made toward achievement of goal and to revise the data base, need identification (nursing diagnoses), and plan of care.

Standard for Nursing Research :

Standard 1: Research

The nurse contributes to the scientific base of nursing practice through investigation of needs and through review and application of research.

Standards for Nursing Education

Standard 1: Education

Education for Nursing occurs in an organized program of study offered in a specialized educational institution of higher learning with facilities and financial support commensurate with the goals of the program. Students are especially selected for the program and taught by specialists in the field of study.

Standard 1.1 Educational Institutions

- 1.1.1 The institution is recognized and offers quality programs leading to baccalaureate and/or higher degrees in several disciplines.
- 1.1.2 The institution offers programs of study in the biological, social, and physical sciences and the humanities.
- 1.1.3 The institution establishes relationships with agencies that permit nursing students to interact with students in other health disciplines.
- 1.1.4 The institution utilizes systematic review processes to insure the high quality of all programs
- 1.1.5 The institution provides adequate financial support for all programs offered.
- 1.1.6 The institution provides high quality support services; e.g. registrar, admissions, library, testing, counseling, placement, student personnel, housing, safety, maintenance, printing and duplicating, and fiscal management.
- 1.1.7 The institution has established guidelines concerning the health and welfare of students.

Standard 1.2: Students

- 1.2.1 Prospective students give evidence of the ability to pursue a rigorous program of study.
- 1.2.2 Prospective students demonstrate the capacity for continuing intellectual curiosity, emotional growth, independent decisions, abstract thinking, and sound judgment.
- 1.2.3 Prospective students give evidence of career commitment.
- 1.2.4 Students demonstrate consistent progress toward fulfillment of degree requirements.
- 1.2.5 Students participate with faculty in the identification of learning needs, in the evaluation of performance, and in evaluation of learning experiences.

Standard 1.3: Faculty

- 1.3.1 Faculty have graduate preparation in Nursing Specialities in which they have responsibility for teaching and research.
- 1.3.2 Faculty are engaged in the practice of their respective specialties and in activities which improve their competence and intellectual growth.
- 1.3.3 Faculty consistently contribute to professional and scientific literature.
- 1.3.4 Faculty participate in professional activities and community activities which affect health care.
- 1.3.5 Faculty collaborate among themselves as well as with faculty in other health disciplines and the institution at large and nursing service personnel.
- 1.3.6 Faculty collaborate in the design, implementation, and evaluation of innovative approaches to the delivery of health and sickness care services.
- 1.3.7 Faculty are engaged collaboratively in the design, implementation, and evaluation of curriculum.
- 1.3.8 Faculty plan, implement, and evaluate innovative approaches in the teaching of students.

- 1.3.9 Faculty are responsive to the identified learning needs of individual students and are accountable for providing appropriate learning opportunities for them in consonance with program goals.
- 1.3.10 Faculty participate in college or university administration governance to maintain or to develop an academic environment that supports learning, teaching, research, and service.
- 1.3.11 Faculty are committed to the concept of a professional career and subscribe to the code of ethics of the profession.
- 1.3.12 Faculty utilize multiple means for the evaluation of their continual growth as faculty members; i.e. self-evaluation, peer evaluation, student evaluation.
- 1.3.13 The corporate faculty represent a balance between experienced and new academicians and exemplify a balance between stability and change.
- 1.3.14 All faculty, including administrative appointees, hold academic rank and engage in scholarly work.

Standard 1.4: Programs

- 1.4.1 Expected outcomes are explicated and communicated to students.
- 1.4.2. Opportunities are provided for students to gain mastery of science and to test and evaluate its applicability at levels of distinction appropriate to the program.
- 1.4.3 Opportunities are provided for students to gain competence in the decision-making skills (independent and interdependent) necessary to enter professional practice with the Distinction appropriate to the careers they seek. Systematic inquiry characterizes all learning opportunities provided for students.
- 1.4.4 Flexibility in program planning reflects the individual competencies which students bring to the program, through their various career goals, and their rates of progress toward attainment of outcomes expected.

- 1.4.5 Evaluation of students' competencies relative to their attainment of expected learning outcomes determines the precise content and length of the education program.
- 1.4.6 Relationships between the educational institution, community agencies, and service programs insure faculty and student access to appropriate learning opportunities, as well as faculty accountability for quality control of the learning environments.

Standard 1.5: Facilities and Resources

- 1.5.1 Funds in support of programs are adequate to provide faculty, supporting personnel, equipment, and services in sufficient numbers and amounts to insure high quality programs.
- 1.5.2 The budgeted faculty-to-student ratio provides time for faculty members' necessary involvement in teaching, in scholarly practice, in research, and in collaborative work with other faculty and students.
- 1.5.3 Secretarial and other support services are provided in sufficient amount to insure economical use of faculty talents and productivity.
- 1.5.4 Each faculty member is provided with adequate office space and opportunity for contemplative work.
- 1.5.5 Library contents reflect faculty recommendations, are adequate in number and kinds, and are accessible to students and faculty.
- 1.5.6 Research space, equipment, and supplies are adequate to support a research program.
- 1.5.7 Teaching space, equipment, and supplies are adequate to support teaching programs.
- 1.5.8 Clinical resources are adequate to meet the goals of the program.

Standard 1.6: Organization and Administration

- 1.6.1 Administrative organization supports a clearly delineated system of authority, responsibility, and communication.

- 1.6.2 Administrative functions support the development of faculty self-direction, leadership, and research.
- 1.6.3 Administrative functions provide an atmosphere conducive to the development of effective collegial relationships.
- 1.6.4 Administrative organization assures faculty involvement in institutional governance.
- 1.6.5 Administrative organization assures faculty responsibility for planning, implementing, and evaluating curriculum.
- 1.6.6 Administrative organization assures student participation on committees involved with student welfare or rights.

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エジプトの看護教育制度の変遷 A List of Nursing Manpower Training Programmes

プログラムの名称	開始年度	入学資格	学位、証明書の別	教育所要期間	校数
High Institute of Nursing, Alex.	1955	Secondary (Sciences) 終了	Bachelor of Nursing	4年 + 1年インターン (1961年以降)	全9校
High Institute of Nursing, Cairo	1964	Secondary (Sciences) 終了	Bachelor of Nursing	"	
High Institute of Nursing, (Alex)	1969	Bachelor of Nursing インターン1年 経験2年	Master in Nursing	2年	
Ain Shams, Institute of Public Health, その他の大学		Master of Nursing	Ph. D.	最少2年以上	
(2-year Technical Pilot Nursing Prog.)-Technical School in Nursing	1972	Secondary	Diploma	2年	9校
Secondary Technical School Female+male	1972	Preparatory	Certificate	3年	196校
Nursing Specialization	1962	Diploma 経験2年	Diploma in Nursing Speciality	1年	
Teacher Training (Method of Teaching) Nursing Administration		Diploma 経験2年 Specialization 1年		1年	
Inservice Training Programme	1961 1973年 終了	High Institute or Diploma Graduates 経験2年	Certificate	3~4ヵ月	Ahmed Maher General Hospital Others
Teacher Training Course for Libyan Nurses 廃止			Certificate of Attendance	9ヵ月	
Health Visitor (School Nurse)	1946	Preparatory	Diploma	1946~56年, 2年 1957年~ 3年	
First-Aid (Male only)	1970	Preparatory	Diploma	3年	
Assistant Midwife 廃止	1942	Preparatory	Certificate	18ヵ月	
Specialization	1981	Diploma 経験2年以上	Certificate	1ヵ月~3ヵ月	NTC (保健部センター)

廃止されたプログラム

Old-3-Year Diploma Prog.	1952	Preparatory	Diploma	3年5ヵ月	廃止 1974
Assistant Nurse	1927	Preparatory		1年半	廃止 1972

Totalty of medecine nursing schools (University)

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
1		Cairo University	108		101		102		311		311
	1	Cairo University		54		60		59		173	173
2		Ein Shams University	76		78		51		205		205
3		Ein Shams Special University	35		40		40		115		115
4		El Hussein University	80		130		60		270		270
5		Bab El Sheerya school	30		25		20		75		75
	2	Bab El Sheerya school		19		30		18		67	67
6		EL Zahraa school	26		30		20		76		76
7		Alexandria school	203		262		179		644		644
8		Tanta school	291		305		319		915		915
9		Zakazik school	200		100		100		400		400
10		Mansoura school	138		55		47		240		240
11		Banha school	37		93		72		202		202
12		Menoufeya school	58		40				98		98
13		Asyout school	57		46	21	43	22	146	43	189
14		Conser Institute school	25						25		25
15		Menya univer school	30	10					30	10	40
15	2	Total	1,394	83	1,305	111	1,053	99	3,752	293	4,045

Secondary Schools for Nursing 1989/1990

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
		Cairo Government									
1		Mansheyat El Bakry school	45		49		26		120		120
2		Abbassia girls school	45		42		34		121		121
3		(Pulmonary) Sadr El Abbassia school	99		86		23		208		208
4		(Epidemic) Homial El Abbassia school	53		52		21		126		126
5		Talabet El Beous school	26		39		34		99		99
6		Italy school	36		19		28		83		83
7		Khalifa school	45		39		29		113		113
8		Monira school	60		56		49		165		165
9		Talabet Abu El Rish school	45		43		29		117		117
10		Dar El Salam school	43		40		32		115		115
11		Helwan school	45		43		37		125		125
12		Khazendara school	41		41		41		123		123
13		Boulak school	52		43		34		129		129
14		Ahmed Maher school	124		100		86		310		310
15		Shoubra school	50		51		50		151		151
	1	Helwan (boys) school		45		55		30		190	190
	2	Abbassia (boys) school		74		66		52		192	192
	3	Abdo Basha (boys) school		73		—		—		73	73
15	3	Total	809	192	743	121	553	82	2,105	395	2,500
		Alexandria Governorate									
1		Talaba hospital school	30		33		27		90		90
2		East City school	53		47		48		148		148
3		Dar Ismail school	45		49		37		131		131
4		Ras El Tin school	45		48		40		133		133
5		El Gomhoria school	45		44		42		131		131
5		Total	218		221		194		633		633

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
		Medical Insurance									
1		El Nasr Helwan school	69		36		31		136		136
2		Mokatom school	41		40		22		103		103
3		6 October school	35		25		22		82		82
4		Nasr City school	31		—				31		31
5		El Nil Shoubra El Ahecieence	64		51		27		142		142
6		Gamal Abdel Nasser	76	5	146	22	105		327	27	354
7		Kar mouz school	46		34		24		104		104
8		Banha school	31		29		18		78		78
9		Tanta school	40						40		40
10		Mahala Kobra school	40						40		40
11		Meer Ghanr school	40						40		40
12		Zakazik school	38						38		38
13		Port Said school	35		30				65		65
14		Asyout school	31						31		31
14		Total	617	5	391	22	249		1,257	27	1,284
		Army									
1		Maadi school	170		174		144		488		488
2		Alexandria school	129		13		89		348		348
	1	Cairo school		55						55	55
2	1	Total	299	55	304		233		836	55	891

Ministry of health schools 1989/1990

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
15	3	Cairo Governorate	809	192	743	121	553	82	2,105	395	2,500
5	—	Alexandria school	218		221		194		633		633
1	—	Mausa Matrouh school	36		35		20		91		91
8	2	Kalyoubia school	314	84	315	68	231	54	860	206	1,066
7	1	Ménoufoga school	251	40	301	—	287	—	839	40	879
8	1	Ghorbia school	399	30	385	31	412	33	1,196	94	1,290
7	1	Beheira school	349	25	266		450		1,065	25	1,090
6	1	Kafr El Sheikh school	212	21	201	23	185	17	598	61	659
9	1	El Sharkeya school	304	40	240		215		759	40	799
8	1	Dekahleya school	257	25	295		283		835	25	856
4	1	Domyar school	289	48	239		129		657	48	705
1	1	Port Said school	100	20	60	24	65	—	225	44	269
2	1	Esmailia school	80	40	116	—	46	—	242	40	282
1	1	Suez school	50	47	31	23	23		104	70	174
1	mixed	North Sinai school	54	47	33	22	18	27	105	96	201
1	mixed	South Sinai school	6	26	9	20			15	46	61
9		Guiza school	464		429		313		1,206		1,206
4	1	Fayoum school	133	25	113		96		342	25	
4	1	Beni Suef school	121	46	162	44	164		447	90	537
3	3	Menya school	172	175	119	244	55	69	346	488	834
7	1	Asyour school	417	210	456	175	353	43	1,226	428	1,654
1	1	Souhag school	50		44	33	38		132	33	165
1		Kena school	51				76	15	127	15	142
2	1	Aswan school	91	172	74	93	29	38	194	303	497
1	mixed	Wady El Guedid school	45	16	23	37	27		95	53	148
1	mixed	Red Seu school	20	16	8		8		36	16	52
117	23	Total	5,292	1,345	4,918	958	4,270	378	14,480	2,681	17,161

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
		Marsa Matrouh Governorate									
1		Matrouh school	36		35		20		91		91
		Kalyoubeya Governorate									
1		Bauha school	40		56		44		140		140
2		Kafr Shokr school	40		39		21		100		100
3		Toukh school	40		43		36		119		119
4		Kalyoub school	40		38		29		107		107
5		Shoubra El Kheima school	39		38		30		107		107
6		El Kanater school	39		34		18		91		91
7		Shebin school	40		34		27		101		101
8		El Khanka school	36		33		26		95		95
	1	Banha school		40						40	40
	2	El Khanka school		44		68		54		166	166
8	2	Total	314	84	315	68	231	54	860	206	1,066
		Menoufeya Governorate									
1		Bagour school	34		41		43		118		118
2		Shohadd school	30		33		15		78		78
3		Ashmaun school	26		35		41		102		102
4		Menouf school	34		48		49		131		131
5		Berketel Sabaa school	43		50		50		143		143
6		Shebin El Kour school	44		54		52		150		150
7		Tala school	40		40		37		117		117
	1	Shebin El Kan school		40						40	40
7	1	Total	251	40	301		287		839	40	879
		Gharbia Governorate									
1		Tanta school	88		76		87		251		251
2		Mehala Kobra school	80		80		82		242		242

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
3		Kastour school	30		30		22		82		82
4		Samanoad school	40		40		49		129		129
5		Santa school	40		40		47		127		127
6		Kafr El Zayat school	40		39		43		122		122
7		Zefta school	40		39		42		121		121
8		Basyoun school	41		41		40		122		122
	1	Tonta school		30		31		33		94	94
8	1	Total	399	30	385	31	412	33	1,196	95	1,290
Beheira Governorate											
1		Damanhour school	50		57		93		200		200
2		Abul Matameer school	50		30		27		107		107
3		Kom Hamada school	50		42		87		179		179
4		Rasheed school	49		30		34		113		113
5		El Fahrir school	50		26		34		110		110
6		Etagel Buroud school	50		39		79		168		168
7		Kafr El Dawar school	50		42		96		188		188
	1	Damanhour school		25						25	25
7	1	Total	349	25	266		450		1,065	25	1,090
Kafr El Cheikh Governorate											
1		Kafr El Cheikh int. school	46		34		42		122		122
2		Kafr El Cheikh school	46		43		40		129		129
3		Dessouk school	30		33		28		91		91
4		Beyalu school	30		31		24		85		85
5		Sidi Salem school	30		31		23		84		84
6		Foa school	30		29		28		87		87
	1	Kafr El Cheikh school		21		23		17		61	61
6	1	Total	212	21	201	23	185	17	598	61	659

No, of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
		Sharkeya Governorate									
1		Zakazik school	41		25		26		92		92
2		Hehya school	31		23		26		80		80
3		Menya El Kamh school	35		28		30		93		93
4		Deyarb Negm school	38		26		28		92		92
5		Belbes school	36		38		18		92		92
6		Abu Hamad school	27		26		21		74		74
7		Abu Kebir school	34		23		20		77		77
8		Fakous school	29		26		26		81		81
9		Kafr Sakr school	33		25		20		78		78
	1	Zakazik school		40						40	40
9	1	Total	304	40	240		215		759	40	799
		Dekah lia Governorate									
1		El Mansoura school	30		33		31		94		94
2		Slorbin school	28		33		31		92		92
3		Belkas school	33		36		35		101		101
4		Dekernes school	35		42		36		113		113
5		El senbelawen school	36		43		46		125		125
6		ACra school	35		35		34		104		104
7		Meet Ghamu school	25		24		30		79		79
8		El Manzala school	35		49		40		123		123
	1	El Mansoura school		25						25	25
8	1	Total	257	25	295		283		831	25	856
		Domyar Governorate									
1		Domyar school	102		84		56		242		242
2		Farscour school	49		62		73		184		184
3		Kafr Saad school	94		93		—		187		187

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
		Shaukeya Governorate									
1		Zakazik school	41		25		26		92		92
2		Hehya school	31		23		26		80		80
3		Menya El Kamh school	35		28		30		93		93
4		Deyarb Negm school	38		26		28		92		92
5		Belbes school	36		38		18		92		92
6		Abu Hamad school	27		26		21		74		74
7		Abu Kebir school	34		23		20		77		77
8		Fakous school	29		26		26		81		81
9		Kafr Saku school	33		25		20		78		78
	1	Zakazik school		40						40	40
9	1	Total	304	40	240		215		759	40	799
		Dekahlia Governorate									
1		El Mausoura school	30		33		31		94		94
2		Shorbin school	28		33		31		92		92
3		Belkas school	33		36		35		101		101
4		Dekernes school	35		42		36		113		113
5		El senabelawen school	36		43		46		125		125
6		ACra school	35		35		34		104		104
7		Meet Ghamu school	25		24		30		79		79
8		El Manzala school	35		49		40		123		123
	1	El Mansoura school		25						25	25
8	1	Total	257	25	295		283		831	25	856
		Domyar Governorate									
1		Domyar school	102		84		56		242		242
2		Farscour school	49		62		73		184		184
3		Kafr Saad school	94		93		--		187		187

No, of school		Name of school	1st year		2nd year		3rd year		Total		Total No, of student
G	B		G	B	G	B	G	B	G	B	
4		Zakazik school	44						44		44
	1	Domyat school		48						48	48
4	1	Total	289	48	299		129		657	48	705
		Port Said Governorate									
1		Port Said school	100		60		65		225		225
	1	Port Said school		20		24				44	44
1	1	Total	100	20	60	24	65		225	44	269
		Esmailia Governorate									
1		Esmailia school	40		77		36		153		153
2		Tal El Kebir school	40		39		10		89		89
	1	Abu Soeir school		40						40	40
2	1	Total	80	40	116		46		242	40	282
		El Suez Governorate									
1		Suez school	50		31		23		104		104
	1	Suez school		47		23				70	70
1	1	Total	50	47	31	23	23		104	70	174
		North Sinai Governorate									
1	mixed	El Arish school	54	47	33	22	18	27	105	96	201
		South Sinai Governorate									
1	mixed	El Tor school	6	26	9	20			15	46	61
		Guizu Governorate									
1		Om El Masreyeen school	51		44		30		125		125
2		Embaba school	40		42		23		105		105
3		Boulak El Dakroar school	50		51		40		141		141
4		Homeyat Embaba school	43		34		19		96		96
5		El Howamdeya school	58		50		33		141		141
6		El Badvashen school	56		53		39		148		148

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
7		El Ayat school	63		46		39		148		148
8		El Saf school	50		47		47		144		144
9		Ossim school	53		62		43		158		158
9		Total	464		429		313		1,206		1,206
Fayoum Governorate											
1		Fayoum school	40		30		31		101		101
2		Senouras school	39		29		27		95		95
3		Eta school	28		26		19		73		73
4		Ebsheway school	26		28		19		73		73
	1	Fayoum school		25						25	25
4	1	Total	133	25	113		96		342	25	367
Beni Suef Governorate											
1		Beni Suef school	45		38		46		129		129
2		Beba school	24		41		46		111		111
3		El Fash school	25		41		44		110		110
4		El Wasta school	27		42		28		94		97
	1	Beni Suef school		46		44				90	90
4	1	Total	121	46	162	44	164		447	90	537
El Menya Governorate											
1		El Menya School	45		39		34		118		118
2		Sawnalout school	87		40		—		127		127
3		Maghagha school	40		40		21		101		101
	1	El Menya school		35		94		25		154	154
	2	Bani Mazar school		60		58		25		143	143
	3	Malauwi school		80		92		19		191	191
3	3	Total	172	175	119	244	55	69	346	488	834

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
		Asyout Governorate									
1		Asyout school	75		120		118		313		313
2		Dayvout school	62		63		46		171		171
3		El kousia school	41		39		28		108		108
4		Serfa school	49		60		44		153		153
5		Manfalout school	53		47		35		135		135
6		El Badori school	76		75		53		204		204
7		ABu Teeg school	61		52		29		142		142
	1	As Yout school		210		175		43		428	428
7	1	Total	417	210	456	175	353	43	1,226	428	1,654
		Souhag Governorate									
1		Souhag school	50		44		38		132		132
	1	Souhag school				33				33	33
1	1	Total	50		44	33	38		132	33	165
		Kena Governorate									
1		Kena school	51				76	15	127	15	142
		Aswan Governorate									
1		Aswan school	43		35		29		107		107
2		Nasgor school	48		39				87		87
	1	Aswan school		172		93		38		303	303
2	1	Total	91	172	74	93	29	38	194	303	497
		El wady El Guedid									
1	mixed	El wady El Gveckd school	45	16	23	37	27		95	53	148
		Red Sou Governorate "									
1	mixed	Hargada school	20	16	8		8		36	16	52
117	23	Total Sum	5,292	1,345	4,918	958	4,270	378	14,480	2,681	17,161
(2mixed+4mixed)											

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
		Private schools									
1		New woman school	45		46			43		134	134
2		Avab contractor school	25		25			21		71	71
3		Tudor Belhors school	35		35			25		95	95
4		Snez canal school	25			22		26		51	22 73
4		Total	130		106	22		115		351	22 373
		Teaching hospitals									
1		Mataveya school	31		45			32		108	108
2		Sahel school	16		24			24		64	64
3		El Galaa school	18		36			26		80	80
4		Hear Institute school	50		44			17		111	111
5		Polio Institute school	25		36			26		87	87
5		Total	140		185			125		450	450
		Treatment organization									
1		Alexandria Meharras			31			28		59	59
2		Heliopolis school	35		35			46		116	116
3		Dar El Shefa school	35		27			39		101	101
4		El Kebty school	25		53			28		106	106
5		El Eslah school	25		32			40		97	97
6		El Gomhovia school	35		36			46		117	117
7		Amvou Ebn El As school	25		61			45		131	131
8		El Maadi school	25		38			24		87	87
9		Naser Institute school	35		67			83		185	185
10		El Havam school	25		—			—		25	25
11		El Goineya school	45		54			51		150	150
12		El Mowasah school	26		51			30		107	107
13		Dar Ismail school	24		28			23		75	75
14		Port Said Tadamon school	25		24					49	49
14		Total	385		537			483		1,405	1,405

No. of school		Name of school	1st year		2nd year		3rd year		Total		Total No. of student
G	B		G	B	G	B	G	B	G	B	
		Ambulance schools									
		Cairo ambulance school				71		61		132	
		Alexandria ambulance school		33		28		24		85	
		Kalyoubia ambulance school				37		33		70	
		Menoufeya ambulance school				48		11		59	
		Beheira ambulance school						44		44	
		Zakazik ambulance school						21		21	
		Port Said ambulance school						10		10	
		Esmailia ambulance school				52		35		87	
		Suez ambulance school						14		14	
		Dekahlia ambulance school				35		30		65	
		Guiza ambulance school						26		26	
		Beui Suef ambulance school						40		40	
		Aswan ambulance school									
		Total		33		271		349		653	
General statistics for nursing Secondary school.											
117	23	Ministry of health	5,292	1,345	4,918	958	4,270	378	14,480	2,681	17,161
4		Private school	130		106	22	115		351	22	373
5		Teaching hospital	140		185		125		450		450
14		Treatment organization	385		537		483		1,405		1,405
14		Hedical insurance	617	5	391	22	249		1,257	27	1,284
2	1	Army hospital	299	55	304		233		836	55	891
2	15	Universities	1,394	83	1,305	111	1,053	99	3,752	293	4,045
170	26	Total	8,257	1,488	7,746	1,113	6,528	477	29,531	3,078	25,609

High Institute of Nursing

In the University (創立)		医学部 (創立)
HIN		
Alexandria	1954Faculty に昇進1992年	1948
Cairo	1964	1827 (origin)
Ain Shamus	1970年代	1960年代 (カイロ圏内)
Assuit	1980年代	1970年代 (エジプト南部)
Tanta	1980年代	1970年代
Zaga Zig	1980年代	1970年代
Suezucanal	1987 ?	1980年代
Menouf	1989	1980年代
Mansula	準備中	1970年代
Benha	1993開校	1970年代
Azuhar (for Men)		1970年代 (カイロ)
Azuhar (for Women)		1970年代? (カイロ)

} デルタ地帯

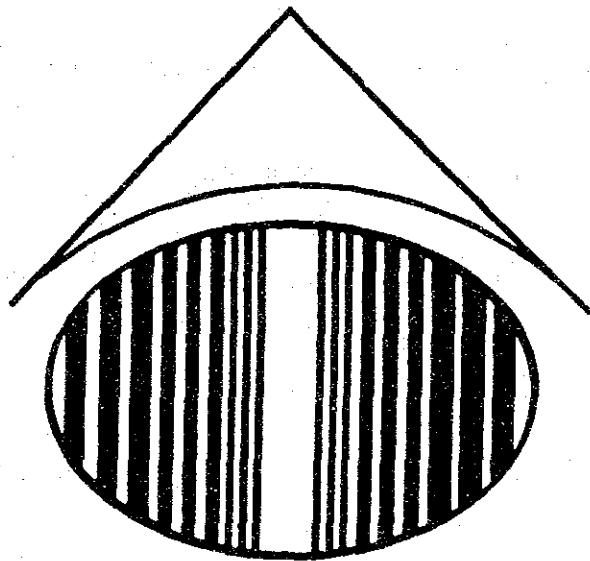
Technical School in Nursing (Secondary School 卒後2カ年)

保健省管轄 4校
 特殊医療機関管轄 5校

Secondary Technical School in Nursing (看護高校)

保健省・大学・病院・附属約160校

5-4 HEALTH SERVICES



SECTION 5: HEALTH SERVICES

INTRODUCTION

The State is responsible for ensuring quality health services for all the citizens. To meet this responsibility, the following policies have been established:

. The extension of health services especially to the rural areas. Special programs have been established to combat infectious, endemic diseases and tuberculosis....etc

. The extension of free health services in rural and urban areas.

. The establishment of children and mothers care centres.

. Provision of medical services to all citizens in governmental hospitals at nominal prices. There has been a significant increase in the number of beds in these hospitals.

. The construction of government medical treatment institutions for the protection of citizens from exploitation .

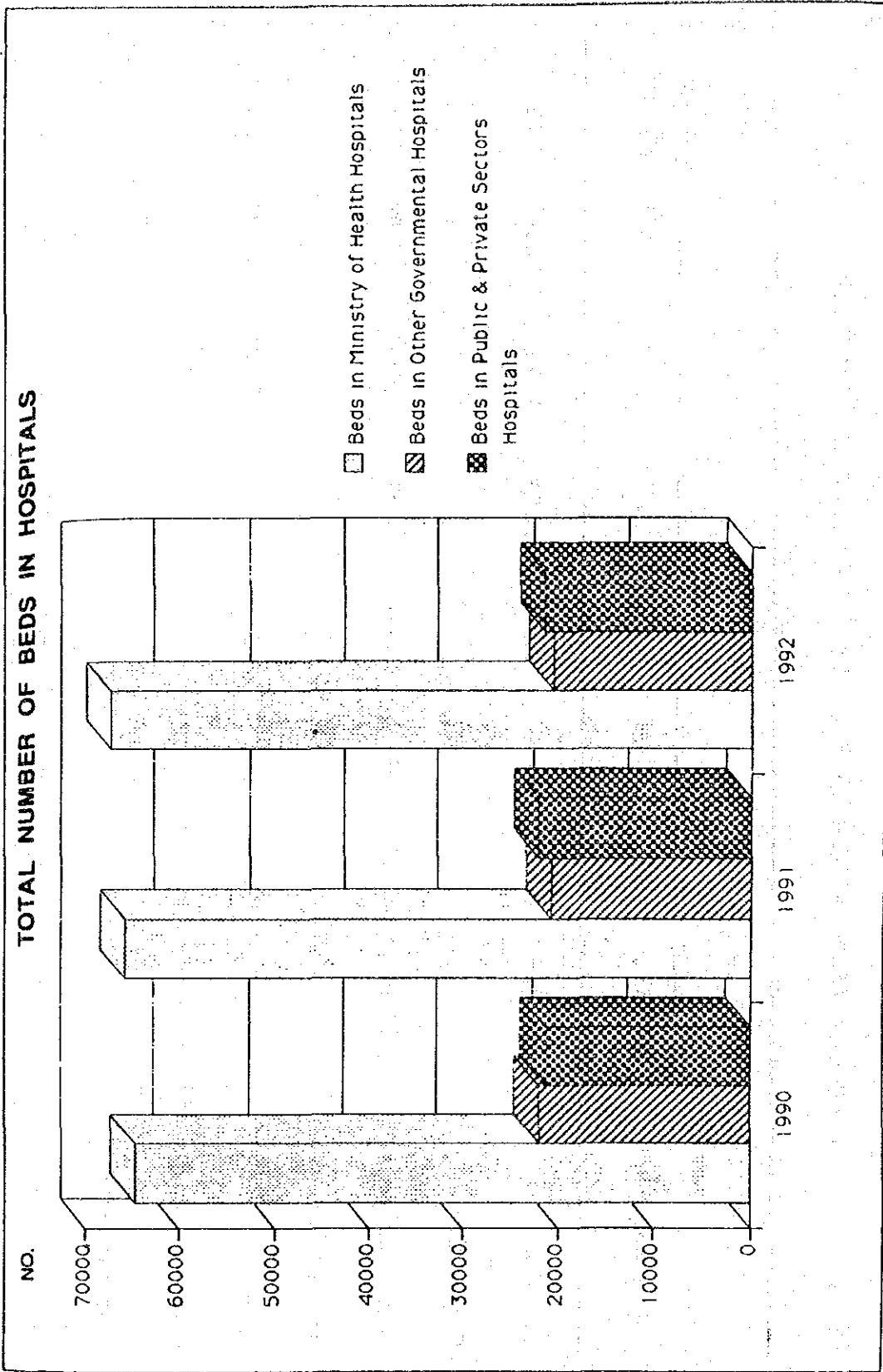
. The establishment of fully equipped training centres to create a cadre from skilled personnel.

. Increasing the production capacity of local pharmaceutical industries.

. The extension of health insurance to cover all citizens.

NO. 5-1. NUMBER OF BEDS IN HOSPITALS, BY TYPE OF HOSPITAL AND YEAR

Type of Hospital	Year							Percent of Change 1988-1992
	1952	1987	1988	1989	1990	1991	1992*	
All Types	35744	98344	100406	101865	107880	108425	109209	8.3
Beds in Ministry of Health hospitals	25710	62527	63676	64655	64592	65674	67198	5.5
Beds in other govern- mental hospitals	4076	19632	20356	20351	21980	20704	20527	0.8
Beds in public sector and private sector hospitals	5958	16185	16374	16859	21308	22047	21484	31.2



NO. 5-2. NUMBER OF MEDICAL TREATMENT UNITS AND BEDS, BY TYPE OF UNIT AND YEAR

Type of medical Treatment Unit	Unit	Year							Percent of Change 1988-1992
		1987	1988	1989	1990	1991	1992*	1988-1992	
All Types	No.	6175	6276	6326	6370	6418	6671	6.3	
	Beds	64325	65323	66697	66464	67538	68958	5.6	
General and district hospitals	No.	335	342	348	312	329	323	-5.6	
	Beds	25468	26786	28273	27902	28793	30084	12.3	
Eye diseases	No.	182	184	184	180	182	180	-2.2	
	Beds	2940	2862	2881	2795	2907	2871	0.3	
Endemic diseases	No.	161	173	163	150	147	154	-11.0	
	Beds	852	805	640	670	528	441	-45.2	
Chest diseases	No.	121	123	139	131	136	136	10.6	
	Beds	123	137	156	175	183	196	43.1	
Chest diseases	No.	53	60	64	65	61	60	0.0	
	Beds	7498	7448	7502	7462	7241	7273	-2.3	

NO. 5-2. NUMBER OF MEDICAL TREATMENT UNITS AND BEDS, BY TYPE OF UNIT AND YEAR. (Cont.)

Type of medical Treatment Unit	Unit	Year							Percent of Change 1988-1992
		1987	1988	1989	1990	1991	1992*		
Dental units	No.	1347	1479	1522	1590	1587	1700	14.9	
X-Ray sections	No.	657	659	656	650	706	813	23.4	
School health units	No.	313	314	306	325	312	327	4.1	
	Beds	625	626	637	638	638	664	6.1	
Psychiatry clinics	No.	29	47	84	48	51	51	8.5	
	Beds	8744	8739	8510	8646	8884	8739	0.0	
Leprosy hospitals	No.	65	63	50	53	51	44	-30.2	
	Beds	1370	1370	1370	1350	1350	1350	-1.5	
Fever hospitals	No.	92	93	95	94	95	94	1.1	
	Beds	7499	7310	7477	7469	7607	7822	7.0	
Skin and venereal clinics	No.	80	89	89	88	90	98	10.1	
	Beds	147	170	161	159	141	154	-9.4	
Rural area units	No.	2740	2650	2662	2684	2671	2691	1.5	
	Beds	9059	9070	9090	9198	9266	9364	3.2	

**NO. 53. NUMBER OF HEALTH SERVICE UNITS AND BEDS IN RURAL AREAS,
BY TYPE OF HEALTH UNIT AND YEAR**

Type of Service Unit	Unit	Year						Percent of Change 1988-1992
		1987	1988	1989	1990	1991	1992*	
All Types	No.	2740	2650	2662	2684	2671	2691	1.5
	Beds	9059	9070	9090	9198	9266	9364	3.2
Endemic diseases sections in:								
Health centres and								
	No.	586	581	579	575	568	571	-1.7
	Beds	9059	9070	9090	9198	9266	9364	3.2
Social centres and								
	No.	2154	2069	2083	2109	2103	2120	2.5

**NO. 5-4. NUMBER OF PREVENTIVE SERVICE UNITS IN THE FIELD OF ENDEMIC DISEASES,
BY TYPE OF SERVICE AND YEAR**

Type of Service unit	Year						Percent of Change 1988-1992
	1987	1988	1989	1990	1991	1992*	
All Types	2217	2229	2261	2330	2324	2363	6.0
Bilharziasis inspectorates	118	118	122	124	123	134	13.6
Bilharziasis centres	326	337	345	351	351	355	5.3
Bilharziasis units	1248	1268	1281	1321	1309	1322	4.3
Malaria units	489	467	475	493	504	515	10.3
Medical insect units and inspectorates	14	17	16	19	15	15	-11.8
Mosquito units	22	22	22	22	22	22	0.0

**NO. 5-5. NUMBER OF SERVICE UNITS AND BEDS IN THE FIELD OF ENDEMIC DISEASES, BY
TYPE OF SERVICE UNIT AND YEAR**

Type of Service Unit	Unit	Year							Percent of Change 1988-1992
		1987	1988	1989	1990	1991	1992*	1988-1992	
All Types	No.	3154	3081	3081	3103	3079	3126	3126	1.5
	Beds	10536	10501	10367	10506	10432	10469	10469	-0.3
Hospitals and units for endemic diseases	No.	161	173	163	150	147	154	154	-11.0
	Beds	852	805	640	670	528	441	441	-45.2
Endemic diseases sections in health centres and combined units	No.	586	581	579	575	568	571	571	-1.7
	Beds	9059	9070	9090	9198	9266	9364	9364	3.2
Hospitals and units for endemic diseases	No.	2154	2069	2083	2109	2103	2120	2120	2.5
Endemic diseases sectio in school centres	No.	253	258	256	269	261	281	281	8.9
	Beds	635	626	637	638	638	664	664	6.1

NO. 5-6. NUMBER OF MATERNITY AND INFANT CARE CENTERS, BY TYPE OF CENTRE AND YEAR

Type of Centre	Year						Percent of Change 1988-1992
	1987	1988	1989	1990	1991	1992*	
All Types	3000	2886	2899	2904	2886	2910	0.8
Maternity and infant care centres	260	236	237	220	215	219	-7.2
Sections for maternity and infant care in health centres and combined units	586	581	579	575	568	571	-1.7
Sections for maternity and infant care in social centres and in rural health units	2154	2069	2083	2109	2103	2120	2.5

**NO. 5-7. NUMBER OF SERVICES PROVIDED BY MATERNITY AND INFANT CARE CENTRES,
BY TYPE OF SERVICE AND YEAR**

(In thousand, except for Percent.)

Type of Service	Year					Percent of Change 87/88-91/92	
	86/87	87/88	88/89	89/90	90/91		91/92*
Post pregnancy cases	729	641	992	772	1240	1317	105.5
New pregnancy cases	553	568	658	755	938	684	20.4
Deliveries in centres	445	615	548	551	449	793	28.9
Infant visiting centres	2547	2658	2593	2408	2490	2539	-4.5
Circumcision for children ⁽¹⁾	-	1562	4072	4118	12000	22943	1368.8
Triple vaccine	1471	1419	1601	1511	1594	1543	8.7
Polio vaccinations	1081	1428	1608	1521	1591	1540	7.8

(1) Number

**NO. 5-8 PRODUCTION OF MINISTRY OF HEALTH LABS,
BY TYPE OF PRODUCT 91/92***

Vac. = Vaccine, Imp. = Imported, H.M. = Half Manufactured

Local = Local Manufactured, U = Unit, Amp. = Ampole

Cate. = Category, C.C. = Cubic Centimeters.

Bot. = Bottle, M.G. = Milli. Gram.

Type of Product	Unit	Quantity
Cholera Vac.	Bot. 100 C.C.	12577
Mixed Vac. (DT)	Bot. 100 C.C.	4913
Typhoid Vac.	Vial 8 C.C.	338
Typhoid Vac.	Bot. 100 C.C.	3077
B.C.G. Vac. for adult (Imp.)	Amp. 2 C.C.	100000
B.C.G. Vac. for children (Local)	Amp. 2 C.C.	53741
B.C.G. for Tumour patients	150 MG.	850
Tuberculin material 2 units	Vial 10 C.C.	3556
Tuberculin material 5 units	Vial 10 C.C.	1191
Toxide Tetanus (Imp.)	Vial 10 C.C.	69999
D.T. Vac. (Local)	Vial 7.5 C.C.	161766
D.P.T. Vac. (Imp.)	Vial 10 C.C.	159003
Poliomyelites Vac. (H.M.)	Vial 1 C.C.	19574
Poliomyelites Vac. (H.M.)	Vial 2 C.C.	440593
Poliomyelites Vac. (H.M.)	Vial 5 C.C.	184970
Measles (Imp.)	Vial 5 C.C.	187507

(Continued)

**NO. 5-8 PRODUCTION OF MINISTRY OF HEALTH LABS,
BY TYPE OF PRODUCT 91/92* (Cont.)**

Vac. = Vaccine , Imp. = Imported, H.M. = Half Manufactured

Local = Local Manufactured. U = Unit. Amp. = Ampole

Cate.= Category, C.C.= Cubic Centimeters.

Bot . = Bottle M.G. = Milli Gram

Type of Product	Unit	Quantity
Infective hepatitis Vac.(Imp.)	Vial 1 C.C.	13671
R.V. (Rabies vaccine) (Imp.)	Vial 1 C.C.	10020
R.V. (Rabies Vaccine) (local)	Bot.100C.C	40370
Tetanus Serum 1500 U. (Imp)	Amp 1 C.C.	687250
Tetanus Serum 1500 U. (Local)	Amp 1 C.C.	306400
Tetanus Serum 3000 U (Local)	Vial 10 C.C.	14445
Snake bite Serum (DryLocal)	Vial 10 C.C.	678
Snake bite Serum (Liquid-Local)	Vial 10 C.C.	13582
Scorpion bite Serum (Liquied)	Amp 1 C.C.	460929
Scorpion bite Serum (Dry)	Vial 2 C.C.	2000
R.B.C's (Cat.A)	Packet 500 C.C.	2963
R.B.C's (Cat.B)	Packet 500 C.C.	1859
R.B.C's (Cat.AB)	Packet 500 C.C.	748
R.B.C's (Cat.O)	Packet 500 C.C.	2206
Human Whole Blood (Cat.A)	Packet 500 C.C.	365
Human Whole Blood (Cat.B)	Packet 500 C.C.	199
Human Whole Blood (Cat.AB)	Packet 500 C.C.	111
Human Whole Blood (Cat.o)	Packet 500 C.C.	292

(Continued)

**NO. 5-8 PRODUCTION OF MINISTRY OF HEALTH LABS,
BY TYPE OF PRODUCT 91/92* (Cont.)**

Vac. = Vaccine, Imp. = Imported, H.M. = Half Manufactured
Local = Local Manufactured, U = Unit, Amp. = Ampole
Cate. = Category, C.C. = Cubic Centimeters.
Bot. = Bottle M.G. = Milli Gram

Type of Product	Unit	Quantity
R.B.C's (Cat.A)	Packet 250 C.C.	4
R.B.C's (Cat.B)	Packet 250 C.C.	2
R.B.C's (Cat.AB)	Packet 250 C.C.	3
R.B.C's (Cat.O)	Packet 250 C.C.	8
Human Plasma (Frozen-Cat. A)	Packet 300 C.C.	1905
Human Plasma (Frozen-Cat. B)	Packet 300 C.C.	892
Human Plasma (Frozen-Cat. AB)	Packet 300 C.C.	671
Human Plasma (Frozen-Cat. O)	Packet 300 C.C.	864
Human Blood Platelets (concentrated.)	From Blood Unit	1295
Anti Haemophilia Plasma	Bot. 100 C.C.	726
Anti Haemophilia Gammaglobulin (Local)	Bot. 30 C.C.	1731
Gamma globelin (Local)	Vial 2 .C.C.	16071
Albumin (Local)	Bot. 70 C.C.	2007
Albumin (Imp)	Bot. 50 C.C.	24590

**NO. 5-9. NUMBER OF PATIENTS TREATED INSIDE EGYPT AND AMOUNTS ALLOCATED BY
GOVERNMENT IN 1992*, AND PLACE OF TREATMENT.**

ITEM	Place of Treatment				Total
	Hospitals	Reh. Cntr.	Comp. Med. Equip.		
Number of Patients:					
Total	22319	101	249		22669
Male	12317	67	158		12542
Female	10002	34	91		10127
Sum allocated for treatment (L.E.)	62378247	128697	151541		62658485
Average Cost for treatment (L.E.)	2795	1274	609		2764

* Reh. Cntr. : Rehabilitation Centers.

* Comp. Med. Equip. : Companies For Medical Equipment.

No. 5-10. NUMBER OF PATIENTS TREATED ABROAD BY THE GOVERNMENT AND THE COSTS, BY COUNTRY WHERE TREATMENT WAS RECEIVED IN 1992*
 The Average cost of each patient = sum allocated for Treatment + Patient part of Travel Allowance + Travel cost)

TheCountry	No. of Patients			No. of Dependents	Cost of Treatment			Average Cost For the Dependents		
	Total	Male	Female		Total Treat.	Sum allocated	Travel Allow.		Travel Costs	
All countries	536	396	140	417	31496267	25345685	3884837	2265745	53741	6454
U.K.	306	237	69	196	18008282	15249368	1793124	965790	55331	5496
France	145	94	51	114	7191186	5389903	1245196	556087	44127	6955
U.S.A.	46	39	7	75	4481155	3292759	605539	582857	81403	9821
Germany	25	14	11	22	1069485	835962	143806	89717	38407	4969
Belgium	5	4	1	4	197291	137597	35556	24138	34152	6633
Switzerland	3	3	-	3	143568	109578	24516	9474	42191	5665
Sweden	2	2	-	1	200709	185707	7200	7802	97855	5001
Canada	1	1	-	1	84981	50000	15300	19681	67491	17491
Netherlands	1	-	1	-	48894	43909	3000	1985	48894	-
Saudi Arabia	1	1	-	-	37200	30800	4400	2000	37200	-
Austria	1	1	-	1	33516	20102	7200	6214	26809	6707

**NO. 5-11. NUMBER OF PHARMACIES IN 1992*,
BY GOVERNORATES AND OWNERSHIP**

Governorate	Individually owned Pharmacies	Medical Treatment Pharmacies	
		Cooperative	Private
All Governorates	13496	85	180
Cairo	2365	10	63
Alexandria	1375	5	45
Port Said	142	3	2
Ismailia	74	1	5
Suez	152	3	3
Damietta	225	3	2
Dakahlia	1234	6	5
Sharkia	890	1	5
Kalyubia	658	4	7
Kafr El-Sheikh	400	-	-
Gharbia	886	3	7
Menoufia	552	2	2
Behera	725	4	4
Giza	1200	14	9
Beni-Suef	242	-	1
Fayum	251	2	3
Menia	560	7	1
Asyut	480	3	5
Suhag	520	1	5
Qena	363	6	1
Aswan	105	2	3
Matruh	28	-	-
El Wadi El Gedid	8	2	1
Red Sea	21	3	-
North Sinai	40	-	1
South Sinai	-	-	-

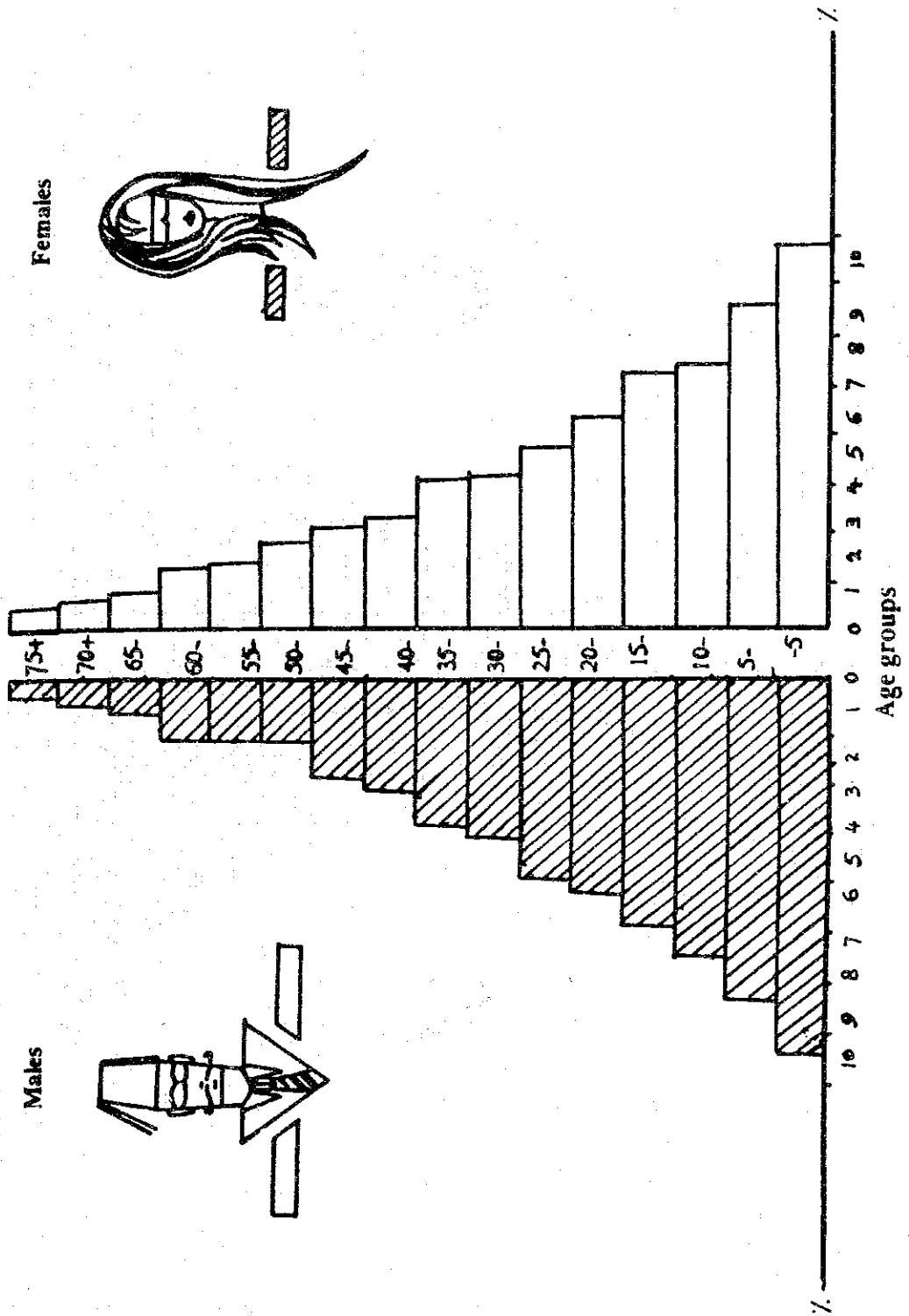
(1)
NO. 1-13. POPULATION, BY AGE GROUPS AND SEX

(1986 POPULATON CENSUS.)

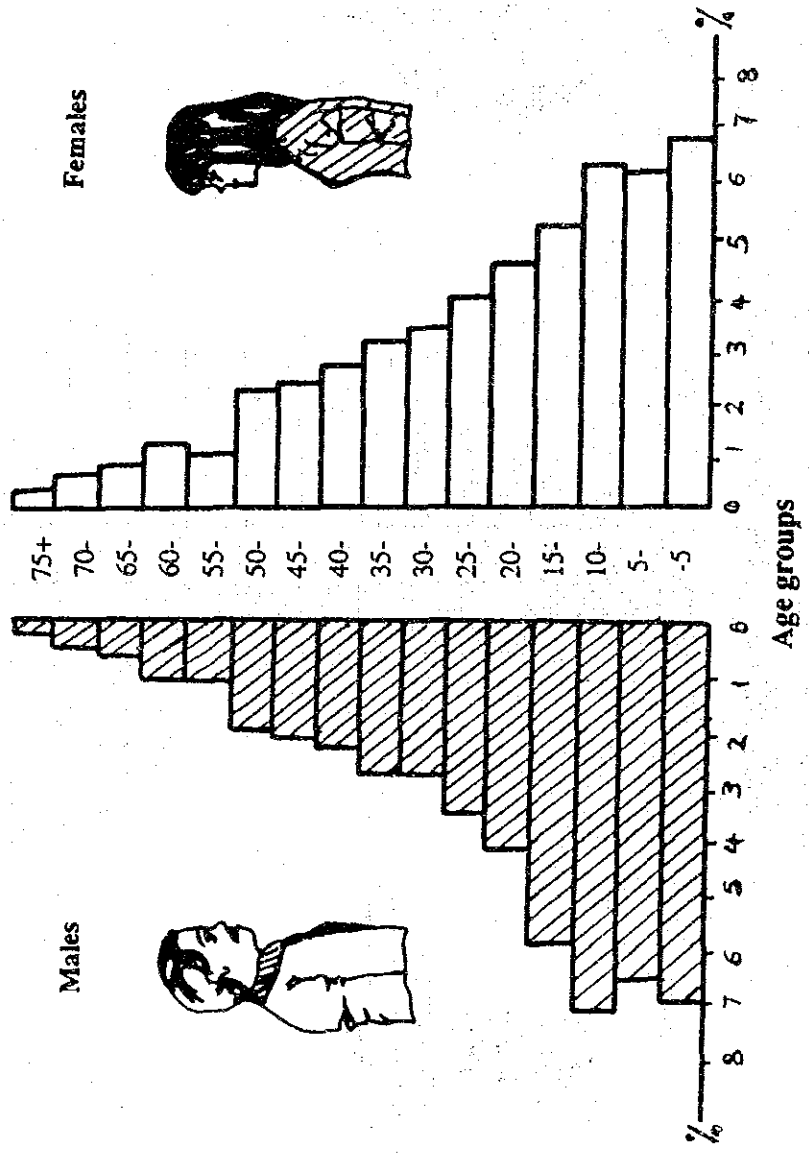
Age Groups	Total		Male		Female	
	No.	Percent	No.	Percent	No.	Percent
All Ages	48254238	100.0	24709274	100.0	23544964	100.0
Less than 5	7362181	15.3	3753848	15.2	3608333	15.3
5-	6341086	13.1	3270658	13.2	3070428	13.0
10-	5577920	11.6	2930638	11.9	2647282	11.2
15-	5063632	10.5	2692898	10.9	2370743	10.1
20-	4247541	8.8	2222672	9.0	2024869	8.6
25-	3697508	7.7	1788443	7.2	1909065	8.1
30-	3045324	6.3	1514610	6.1	1530714	6.5
35-	2925306	6.1	1491751	6.1	1433555	6.1
40-	2127952	4.4	1054937	4.3	1073015	4.6
45-	1915240	4.0	972484	3.9	942756	4.0
50-	1695676	3.5	796138	3.2	899538	3.8
55-	1252294	2.6	673137	2.7	579157	2.5
60-	1131213	2.3	554010	2.2	577203	2.5
65-	682491	1.4	352264	1.4	330227	1.4
70-	530116	1.1	293308	1.2	236808	1.0
75 +	385917	0.8	195037	0.8	190880	0.8
Not stated	272841	0.6	152441	0.6	120400	0.5

(1) EXcluding Egyptians Abroad

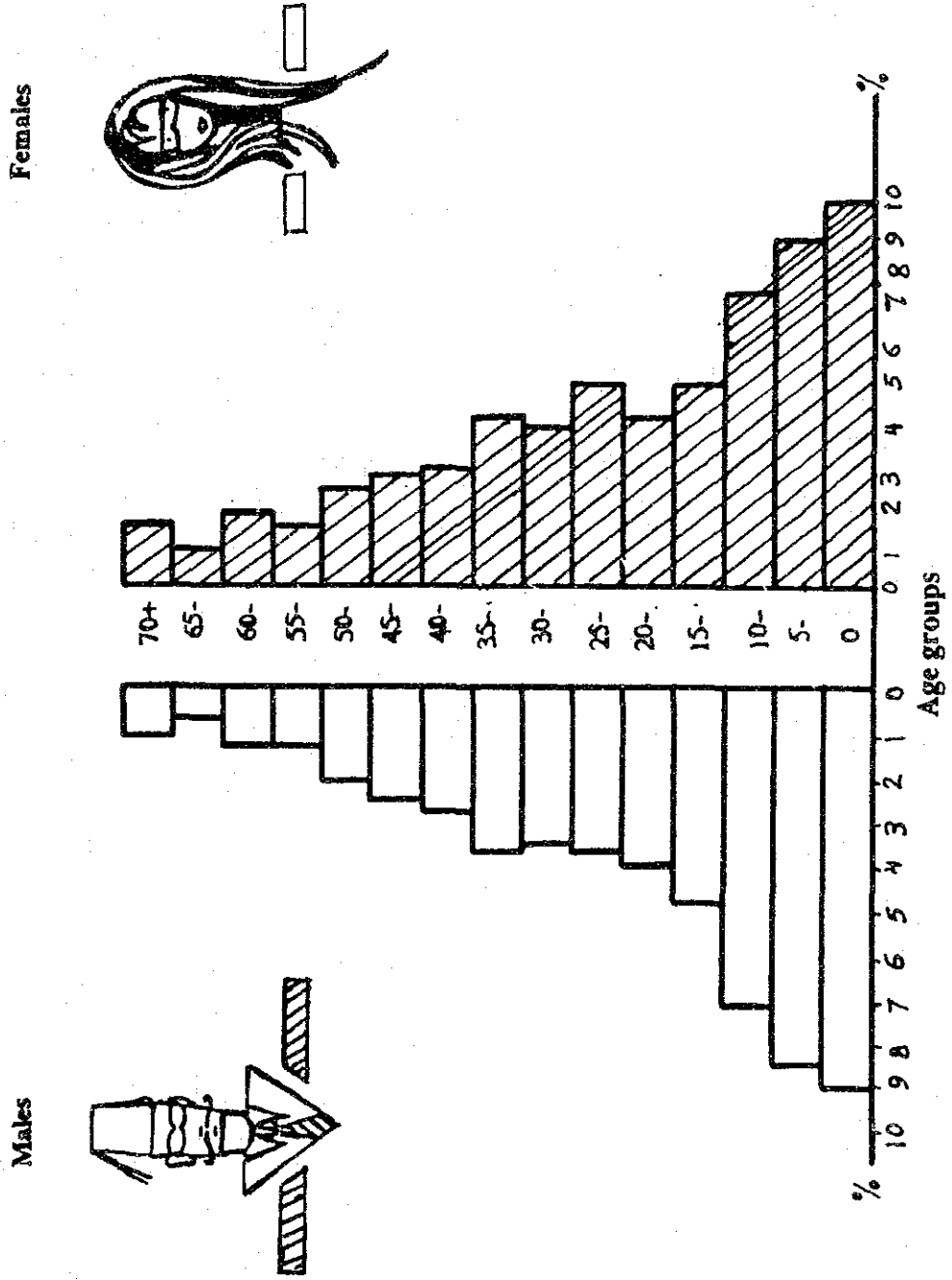
**POPULATION PYRAMID OF EGYPT
1986 POPULATION CENSUS**



POPULATION PYRAMID OF EGYPT
1976 POPULATION CENSUS



POPULATION PYRAMID OF EGYPT
1960 POPULATION CENSUS



JICA