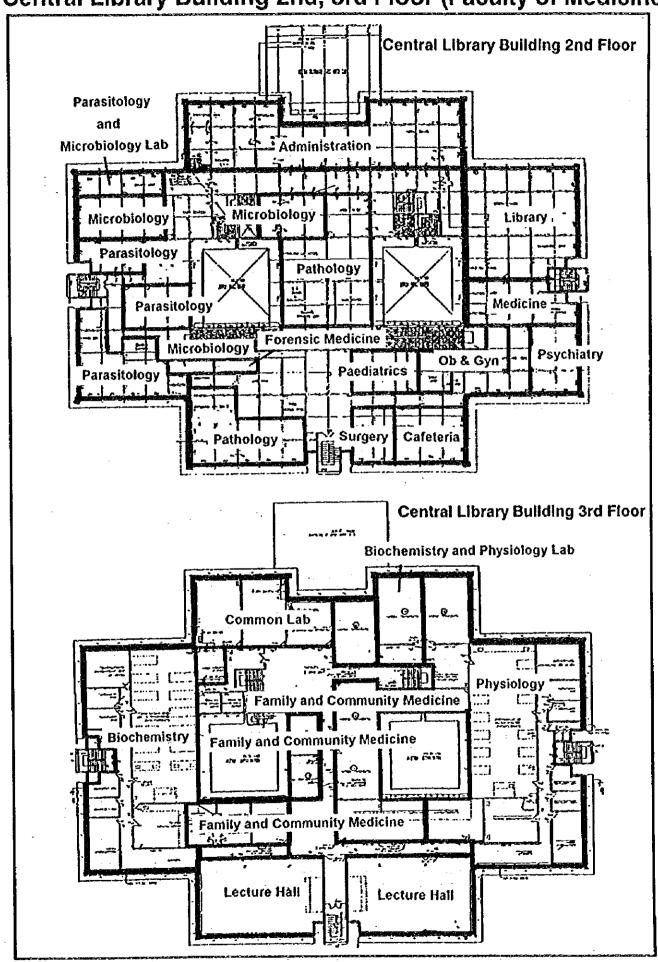
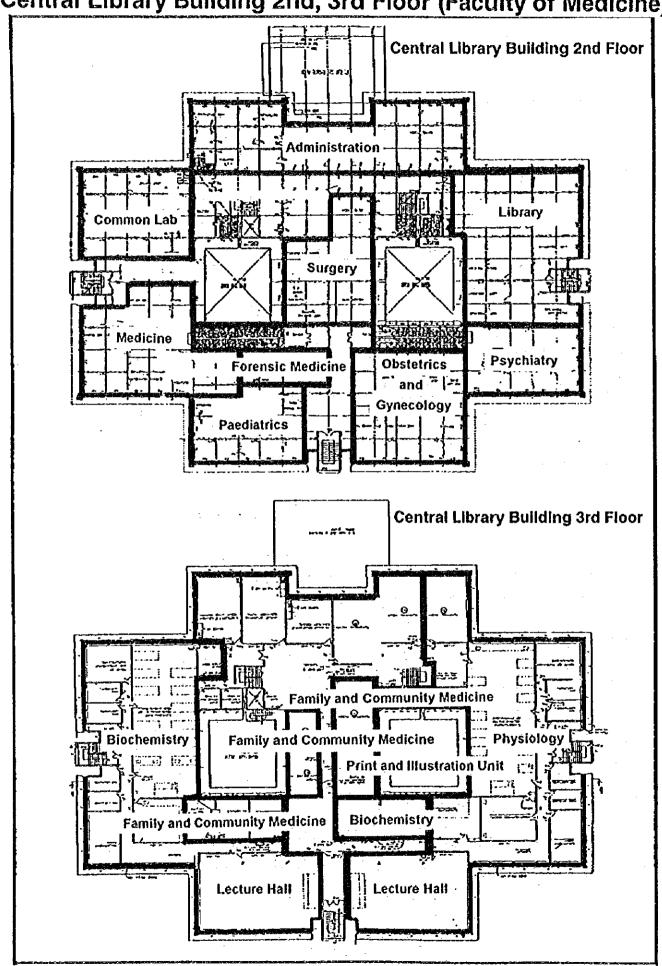
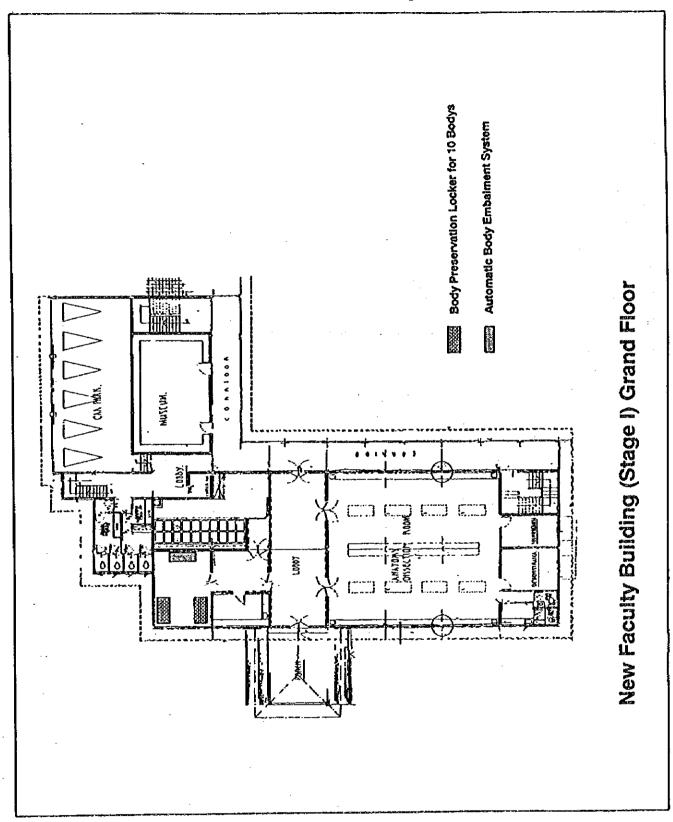
8. Site Plan

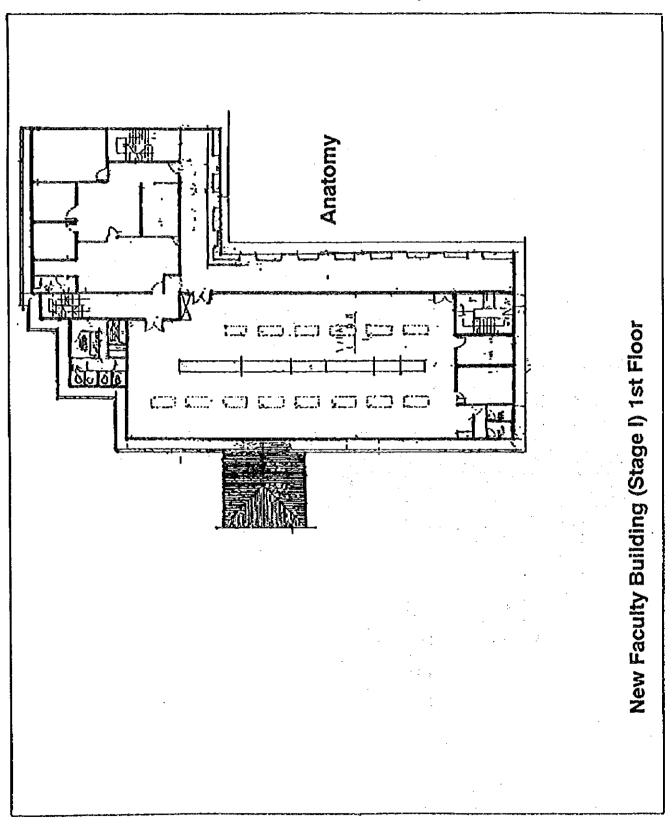
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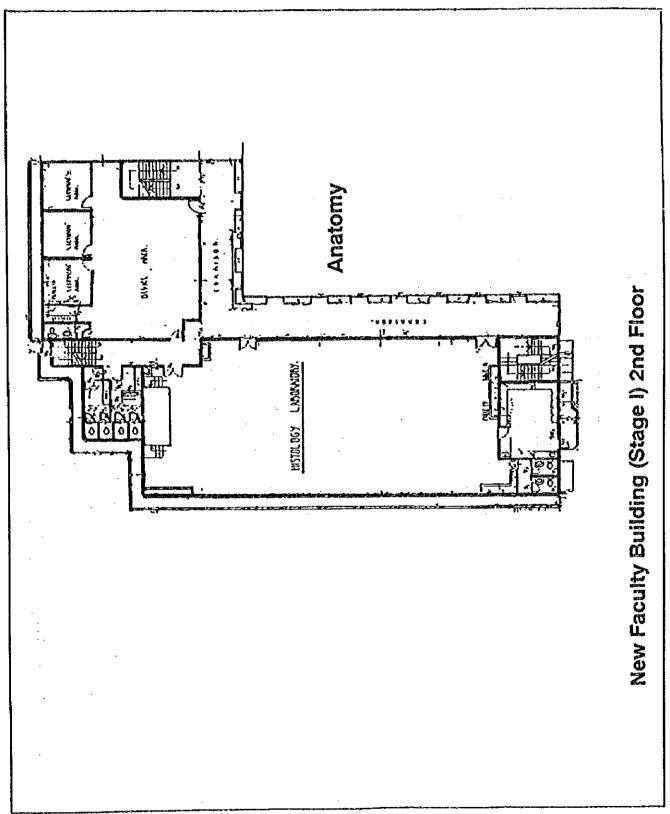


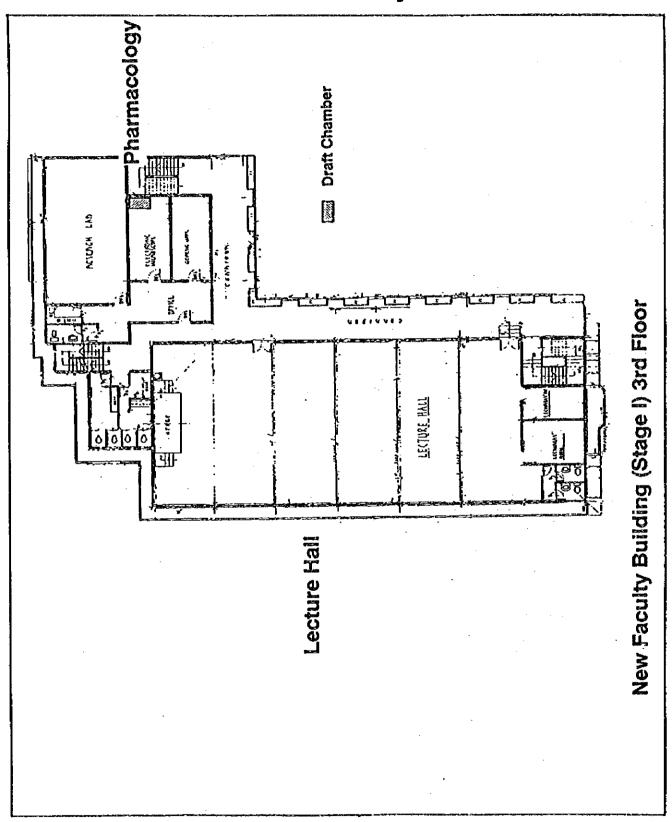
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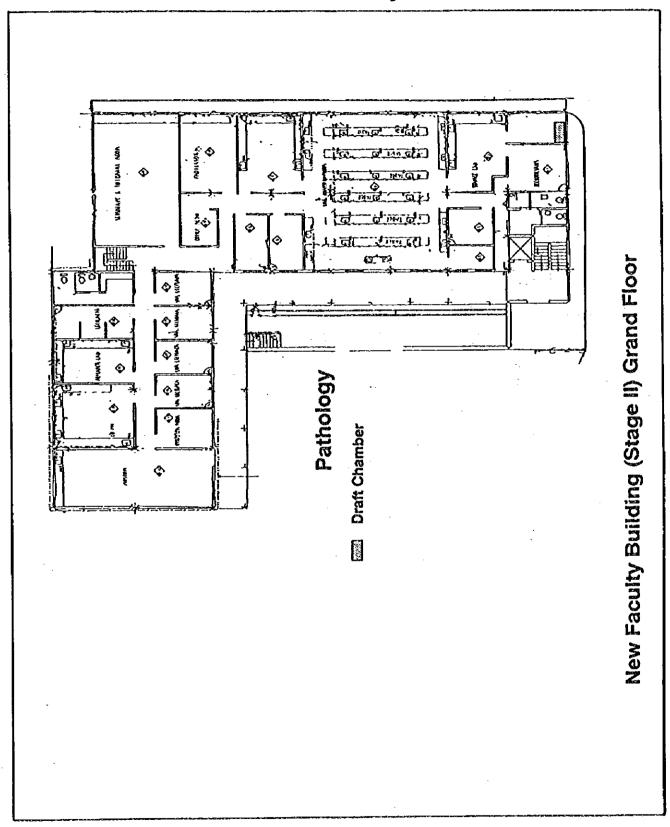


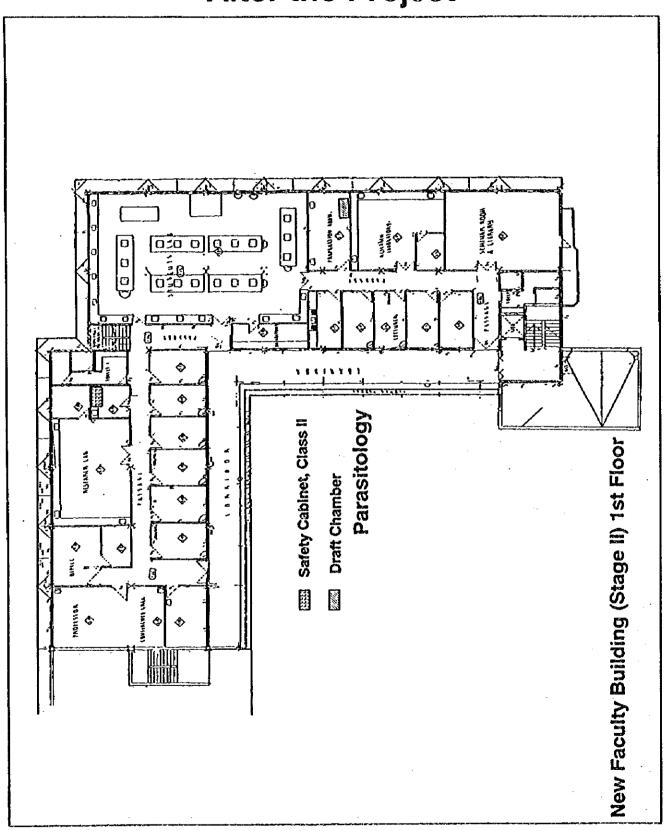


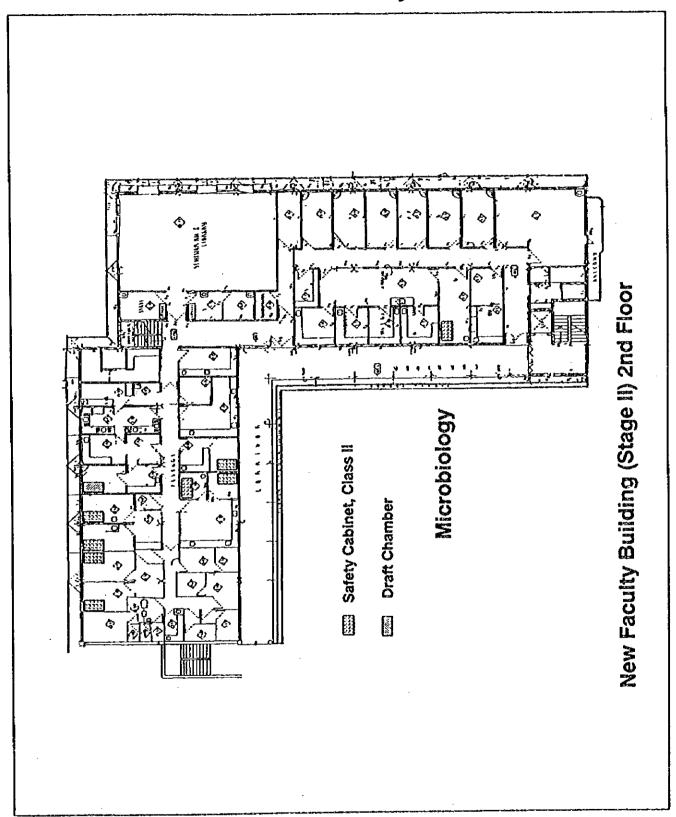












9. Minutes of Discussion(Basic Design Survey)

MINUTES OF DISCUSSIONS ON BASIC DESIGN STUDY ON THE PROJECT FOR IMPROVEMENT OF THE EDUCATIONAL EQUIPMENT FOR THE FACULTY OF MEDICAL SCIENCES, THE UNIVERSITY OF SRI JAYEWARDENEPURA

IN

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

In response to a request from the Government of the Democratic Socialist Republic of Sri Lanka, the Government of Japan decided to conduct a basic design study on the Project for Improvement of the Educational Equipment for the Faculty of Medical Sciences, the University of Sri Jayewardenepura (hereinafter referred to as "the Project"), and entrusted the study to Japan International Cooperation Agency (JICA).

JICA dispatched to Sri Lanka a study team (hereinafter referred to as "the Team") which was headed by Dr. HANDA Yujiro, Development Specialist, JICA, and which was scheduled to stay in the country from October 7 to November 1, 1996.

The Team has had a series of discussions with relevant officials of the Government of Sri Lanka and conducted site survey.

In the course of discussion and site survey the team and Sri Lankan side have confirmed basic issues described in attached sheets.

The team will proceed to further works and prepare the Basic Design Study Report.

October 16, 1996 Colombo

Dr. HANDA Yujiro

Leader

Basic Design Study Team

Japan International Cooperation Agency

Prof. S. TILAKARATNA

University Grant Committee

Ministry of Education & Higher Education

The Democratic Socialist Republic of Sri Lanka

200 2 to 260 to

Mr. D.D.J. KUDALIGAMA

Additional Director General

Department of External Resources

Ministry of Finance & Planning

The Democratic Socialist Republic of Sri Lanka

Ms. C. ABEYĞUNAWARDENA

Additional Secretary

Ministry of Education & Higher Education

The Democratic Socialist Republic of Sri Lank

Prof. P. WILSON

Vice Chancellor

The University of Sri Jayewardenepura

Dr. K.C.S. DALPATADU

Deputy Director General

Ministry of Health

The Democratic Socialist Republic of Sri Lanka

ATTACHMENT

1. Objective

The objective of the Project is to provide internationally standardized medical/paramedical training for all students of the Faculty of Medical Sciences, the University of Sri Jayewardenepura (hereinafter referred to as "the Faculty") through procurement of necessary equipment thereof.

- 2. Project site
 - 1) The Faculty of Medical Sciences, the University of Sri Jayewardenepura (See Annex 1)
 - 2) University Professorial Unit and other teaching facilities in the Colombo South Hospital
 - *Management Responsibility: the Faculty, the University of Sri Jayewardenepura under the Ministry of Education and Higher Education
- 3. Responsible and Executing Agency

Ministry of Education and Higher Education is responsible for the administration and execution of the Project.

- 4. Items requested by the Government of Sri Lanka
 - After the discussions between Sri Lankan side and the Team, items and quantities described in Annex-II were finally requested by the Government of Sri Lanka for consideration by the Government of Japan to be procured under the Grant Aid. However, items and quantities to be included in the Project will be decided after further study.
 - 2) The Government of Sri Lanka agreed to give priority order to the requested equipment as follows:

A = 1st Priority

B = 2nd Priority

C = 3rd Priority

- 3) The Government of Sri Lanka agreed that the Japanese side will analyze the requested items based on 'policy and criteria for selection of equipment' referred in Annex-III.
- 5. Japan's Grant Aid System
 - The Government of Sri Lanka has understood the system of Japan's Grant Aid explained by the team (See ANNEX-IV).
 - 2) The Government of Sri Lanka will take necessary measures, described in Annex-V, for smooth implementation of the Project on condition that the Japan's Grant Aid is extended to the Project.
- 6. Schedule of the study
 - 1) The team will proceed to further study in Sri Lanka until November 1, 1996.
 - JICA will prepare a draft of the basic design and dispatch a mission to Sri Lanka in order to explain its contents in January 1997.
- 7. Other relevant issues
 - 1) Concept of the Project as a result of consensus workshop
 - Consensus workshop with participation approach was held at the Faculty with the faculty teaching staffs and the members of the Team. Concept of the Project was reviewed and confirmed in the discussions. The result is summarized in Annex-VI with the identification of Goal, Project Purpose and Outputs.

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2) Physical Facilities

In order to execute the Project, Sri Lankan side is requested to take actions for the construction of facilities scheduled as described in Annex-VII.

In case that the constructions of those facilities is not ready to accommodate the equipment in time as shown in Annex-VII, the scale of project may be limited to the available physical facilities.

3) Recurrent Cost and personnel

Necessary recurrent cost and personnel for the improved Faculty by the Project should be secured by Sri Lankan side.

4) Maintenance

Proper maintenance system and facilities should be organized by the Faculty. Collaboration with BES and CISIR on this issue is recommended by the Team.

5) Common usage of the equipment

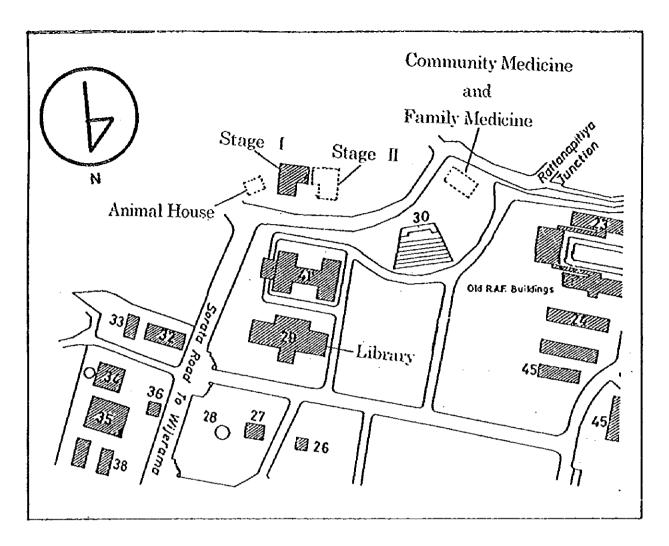
Common usage of the selected equipment among different departments should be arranged with proper management system.

6) Management of the equipment introduced to Colombo South Hospital

This particular task should be covered by the Ministry of Education and Higher Education.

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ANNEX-I UNIVERSITY OF SRI JAYAWARDANAPURA



BUILDING NAME	FLOOR	DEPARTMENT
Stage 1 Bld.	GL	Anatomy
	1st	Anatomy
	2nd	Anatomy, Pharmacology
	3rd	Auditorium
Stage 2 Bld.	GL	Pathology
	1st	Parasitology, Student Lab.
_	2nd	Microbiology
Central Library Bld.	2nd	Medicine
	ļ	Surgery
		Paediatrics
İ		Obstetrics & Gynecology
ļ	<u> </u>	Psychiatory
		Forensic Medicine
		Administration
		Medical Education
	3rd	Biochemistry
		Physiology
<u>.</u> .		Illustration
1	GL(only)	Community Medicine & Family Medicine
& Family Medicine	<u> </u>	
Animal House	GL(only)	Animal House

C D L

John John Stranger

ANNEX-II

Equipment List

of funding

		Common Items among the Department	
New No.	No	Description	Q'ty
10	17	Double Beam Spectrophotometer,200-1000nm	A 2
12		Digital Flame Photometer	A 2
.13		IR Spectrophotometer	C 1
15		Fully Automatic Random Access Analyzer	C 1
29		Ice Flake Maker	A 2
33	-	Freeze Dryer	A 1
45		Ultracentrifuge, 30000-150000 rpm	C 1
47		Centrifuge, Cold, High Speed	A 1
48		Centrifuge, Refrigerated	-Ā1
49		Refrigerated Microfuge with Rotors	³ A 1
59		Dilutors	A 2
94	112	Gel Documentation and Analysis System	C 1
		Auto(Water) Still	A 1
105	125	Programmable, Cell Harvester	C 1
111	136	HPLC System	C 1
112	137	Blood chemical concentration analyzer(Abbott TDX Analyzer)	C 1
151	195	Blood Gas Analyzer	À 1
167	212	Laparoscope with Video Unit	A 1
171	216	Ultrasound Machine with Color Doppler	B 1
		Olympus Video Endoscopy System (EVIS)	A 1
173	218	Gastrointestinal Fiberscope, Neonatal	(A 1
241		Laptop Computer	A 5
		Color Video Projector	A 1
		Bubble Jet Color printer	A.2
		Dot Matrix Printer 24 Pin	A 3
1		Photocopying Machine	A 5
1		Electronic Duplicating Machine (Rizograph)	A 5
		Electronic Stencil Scanning Machine	B 2
		Fax Machines	B 5
		Uninterrupted Power Supply (UPS)	A 1
267	435	Stabilizers	A 5

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Department of Anatomy			1
New No.	No	Description	Q'ty
1	1	Teaching Microscope with 5 teaching attachment	A 1
4	4	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	-A3
5		Inverted Tissue Culture Microscope	B 1
8		1	A 60
9	15	Stereoscopic Zoom Microscope	Ā 1
20	29	Cryostat with Knife	C1
25		Refrigerator (150L)	·A 2
37	_	Incubator (150L)	B 1
43		Tissue Culture Glove Box	B 1
44		Fume Hood	B 1
51		Centrifuge, Bench	à 1
64		Water Bath 12-16L	В1
79	_	Hot Air Oven (250L)	B 1
		Vacuum Pump	C 2
125	_	Automatic Body Embalment System	A 1
126		Body Preservation Locker For 10 Bodys	A 2
127		Dissecting Instrument Set	A 2
128		X-ray Film Cabinet	A 1
130		X-ray Viewer (Illuminator) - Standard	A 1
131		Portable X-ray Unit	A 1
132		X-ray Accessories	Á 1
133		Cassette with intensifying screen	A 6
134		X-ray Protection Screen with Lead Glass	A 1
135	164	Developing Tank	A 1
136	168	Automated Slide Stainer	C 1
137	169	Tissue-Tek Embedding Centre	C 1
139	171	Paraffin Trowel	C 1
140	172	Shaker for Tissue Fixation	C 1
141	173	Paraffin Oven	C 1
142	174	Slide Warmer	C 1
143	175	Microscopic Slide and Tissue Block Cabinet	C 1
1		Microtome Knives Set	A 2
145	_181	Automatic Microtome Knife Sharpener	A 1
L		Stop Watch/ Clock	A 1
147		Interval Timers	A 1
_		Slide Book	C 1
		Electronic Dry Housing for Microscopes	C 60
		Educational TV and VCR Set	ΑI
L		Laser Pointer	AZ
		Desk Top Computer Set	A 1
<u>245</u>	374	Laser Printer	<u> </u>
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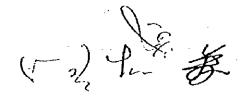
Department of Anatomy					
New No.	No	Description	Q'ty		
250	381	Electronic Type Writer with Memory (English)	B 1		
		Slide Viewer	Ā 1		
259	399	Magiboards	A 1		
262	402	Dehumidifier	A 1		
266	434	Uninterrupted Power Supply (UPS)	A 2		
267	435	Stabilizers	Ā 8		
273	-	Glassware Set	Ā 1		



1-2/2 Pu #

New No		Department of Physiology		
7. 7 Binocular Microscopes B 7 11 18 Single Beam, Visible Light Spectrophotometer B 1 16 24 Automated Coulter Full Blood Analyzer (Coulter Counter) C 1 18 26 Electronic Precision balance (Readability 0.01g) A 1 19 28 Electronic Balance (Range 0.01mg-100mg) A 1 25 34 Refrigerator (150L) A 1 37 46 Incubator (150L) A 1 61 71 pH Meters A 1 63 73 Shaking Water Bath C 1 64 74 Water Bath 12-16L A 1 107 132 ECG Machine, 3CH A 1 114 140 Hand Grip Dynamometer/Ergograph for Isometric Exercise Testing A 1 115 141 Computerized Plethysmograph A 1 116 142 Tilling Table, Manual A 1 117 144 Electroencephalogram A 1 118 145 Electroneurogram with Visual Evoked Potentials and EMG A 1 119 147 Perimeter, Gorldman A 1 120 148 Audiometer, Screening A 1 121 149 Automated Spirom	New No.	No	Description	Q'ty
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		Department of Biochemistry	:
New No.	No	Description	Q'ty
4	4	Research Microscope(FL, Ph/C, Pot Attach) with Photo system	A 1
5	5	Inverted Tissue Culture Microscope	B 1
. 7	7	Binocular Microscopes	A 1
14		'Autoanalyzar for Blood Motahatitae	B 1
22		Chart Franzer (700)	Ä 1
25		Osficaretes (450L)	à 1
33		Eroogo Dayor	A 1
35		Vacuum Concentrator	B 1
41		CO2 Incubator (150L;5-50C)	Ā 1
50		Microfuge	A 1
51		Centrifuge, Bench	Ä 1
52		Microtitre Plate Reader	C 1
67	77	Electrophoresis Apparatus, Horizontal Gel Tank	C 1
68		Mini Gel Apparatus	B 1
69		Electrophoresis for Protein, Verticle Gel Apparatus	à 1
71	81	Transfer Apparatus for Gels	A 1
84	98	Muffle Furnace (500-1000C)	A 1
101	120	Parasite Sonicator	B 1
237	353	Educational TV and VCR Set	A 1
244	367	Desk Top Computer Set	A 1
245		Laser Printer	A 1
259	399	Magiboards	A 1
266		Uninterrupted Power Supply (UPS)	A 2
267	435	Stabilizers	A 8
273		Glassware Set	Δ1



		Department of Pathology	
New No.	No	Description	Q'ty
1.	1	Teaching Microscope with 5 teaching attachment	B 1
2	2	CCTV System with 8 monitor, video camera, deck	!A 1
3	3	Research Microscope, trinocular with CCTV attachment	:A 1
4	4	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 3
5	5	Inverted Tissue Culture Microscope	A 1
7	7	Binocular Microscopes	B 60
9		Stereoscopic Zoom Microscope	:A 1
- 11		Single Beam, Visible Light Spectrophotometer	В 1
14		Autoanalyzer for Blood Metabolites	C 1
16		Automated Coulter Full Blood Analyzer (Coulter Counter)	C.1
17		Apparatus for Deionising Water	B 1
18		Electronic Precision balance (Readability 0.01g)	A 1
19		Electronic Balance (Range 0.01mg-100mg)	A 1
20		Cryostat with Knife	C 1
21		Ultralow Freezer (-80C)	C 1
22		Chest Freezer (-70C)	A 1
25		Refrigerator (150L)	A 1
- 37		Incubator (150L)	A 1
42		Safety Cabinet, Class II	C 1
. 44	-	Fume Hood	A 1
48		Centrifuge, Refrigerated	C 1
49 50		Refrigerated Microfuge with Rotors	C 1 A 1
51	•	Microfuge Centrifuge, Bench	A1
56		Automatic Pipettes Set	A4
57		Multi-channel Pipettes (8 channel) with Stand Set	A 2
60		Vortex Mixers	A 1
61		pH Meters	Ã1
63	73	Shaking Water Bath	C 1
64		Water Bath 12-16L	A 1
67		Electrophoresis Apparatus, Horizontal Gel Tank	C 1
69	-	Electrophoresis for Protein, Verticle Gel Apparatus	A 1
71	:	Transfer Apparatus for Gels	A 1
79 81		Hot Air Oven (250L) Drying Cabinet for Glassware and Instruments	B1
82		Microwave Oven	A 1
		Boiling Sterilizer (100C)	A 1
		Front Loading Autoclave (50L)	A 1
91	108	Orbital Shakers (With Auto Veverse)	A 2
	, 11ò	Rocking Platform with Base	A 1
98	116	Ultrasonic Pipette Washer	A 1
		Washing Machine for Pipettes and Tubes with Brushes	A 1
102	122	Magnetic Stirrer with Hot Plate	A 2

Department of Pathology				i id
New No.	No	Description	_	Q'ty
110	135	Mixer for Small Container		A 2
127	156	Dissecting Instrument Set		A 2
129	158	Y-ray Viewer (Large)		C 1
130	159	X-ray Viewer (Illuminator) - Standard		C 1
136	168	Automated Slide Stainer		A 1
137	169	Tissue-Tek Embedding Centre		A 1
		Tissue Precessing Machine		A 1
		Paraffin Trowel		A 1
140	172	Shaker for Tissue Fixation		C 1
141	173	Paraffin Oven		A 1
		Slide Warmer		A 1
143	175	Microscopic Slide and Tissue Block Cabinet		<u>C</u> 1
	176	Microtome Knives Set	•	Ã2
		Automatic Microtome Knife Sharpener	·	Ä1
146		Stop Watch/ Clock		A4
147		Interval Timers		A 4
		Slide Book	•	C 4
149		Electronic Dry Housing for Microscopes		C 5
t .				B 1
150		Digital Haemoglobinometer		C 1
		Haematocrit Centrifuge		
		Angle Poised Lamp	<i>ç</i> -	C 2
		Magnifying Glass with Handle (Hand Type)		A 4
		Educational TV and VCR Set		A 1
		Overhead Projector		<u>A</u> 1
240		Projector Screens		A 1
-		Laser Pointer		A 1
L		Desk Top Computer Set		A 1
1 .		Laser Printer		[<u>A</u> 1
250		Electronic Type Writer with Memory (English)	-	B 1
251	382	Slide Viewer		A 1
255	393	Paper Guillotine		1
256	394	Paper Shredder		C 1
257	395	Epidiascope		B 1
258	398	Dictaphone and Recorders	• • •	B 1
259		Magiboards	:	A 3
1		Dehumidifier	•	Αï
		Polaroid camera		B 1
K		Bone Marrow Trephine Biopsy Needles	•	l Ä 3
		Bone Marrow Aspiration Needles	•	Ää
		Uninterrupted Power Supply (UPS)		ΙÃŽ
267		Stabilizers		AA
273		Glassware Set		A 1
290		Liver & Kidney biopsy set		A 1
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		Department of Microbiology	
New No	No	Description	Q'ty
2	2	CCTV System with 8 monitor, video camera, deck	A 1
3	3	Research Microscope, trinocular with CCTV attachment	A 1
4		Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 2
5	_	Inverted Tissue Culture Microscope	Ã4
6		Inverted Tissue Coulture Research Microscope with Micromamnipulato	В1
7		Binocular Microscopes	B 15
8		Biological Microscope	ĊŽ
11		Single Beam, Visible Light Spectrophotometer	B 1
17	25	Apparatus for Deionising Water	B 1
18		Electronic Precision balance (Readability 0.01g)	Ã2
19		Electronic Balance (Range 0.01mg-100mg)	A 1
21		Ultralow Freezer (-80C)	A 1
22		Chest Freezer (-70C)	A 1
23		Freezers (-30C)	A1
24		Refrigerator (Double Door)	A 1
25		Refrigerator (150L)	Aı
26		Spark Free Refrigerator (100L)	В1
27		Bench Top Cooler upto 2.5C	B 2
		·	B 2
28		Bench Cooler upto -30C	B3
30		Dewars for Specimen Storage in Liquid N2	
31	_	Liquid N2 Storage Vessels (on Stand with Castors)	B2
32		Liquid N2 Flasks	B 2
34		Manifolds for Flasks	C1
35		Vacuum Concentrator	B1 A2
36		Incubator (200L, Double Door)	C7
37		Incubator (150L)	A 2
38		Floor Standing Incubators (250L)	·
39 40	-	Cold Incubators (Temp -30C to 30C), 150L CO2 Incubator with, HEPA Filtration System	A 1 B 2
41	-	CO2 Incubator (150L;5-50C)	A 1
42		Safety Cabinet, Class II	A 8
44	_	Fume Hood	ΑÏ
46		Micro-Ultracentrifuge, 120000 rpm	C 1
48		Centrifuge, Refrigerated	B 2
49		Refrigerated Microfuge with Rotors	BŽ
50		Microfuge	Ã1
51	•	? Centrifuge, Bench	A 3
52	62	Microtitre Plate Reader	A 1
53		Automatic Microtitre Plate Washer	A 1
54		Microtitre Plate Shaker	<u>, A.1</u>
55		Microtitre Plate Incubator	$A_{\frac{1}{2}}$
56		Automatic Pipettes Set	A 6
57	67	Multi-channel Pipettes (8 channel) with Stand Set	<u> </u>
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No Description 68 Automatic Volume Dispensers Set 70 Vortex Mixers 71 pH Meters 72 Hand held pH Meters 73 Shaking Water Bath 74 Water Bath 12-16L 75 Thermal Cycler 76 UV Transilluminator with Photographic Attachment 77 Electrophoresis Apparatus, Horizontal Gel Tank 78 Mini Gel Apparatus 79 Electrophoresis for Protein, Verticle Gel Apparatus 80 Sequencing apparatus with Power Pack (3000V) 81 Transfer Apparatus for Gels 82 Vacuum blotting Apparatus 83 X-ray Film Processor 84 Dot-Blot Apparatus 85 Southern Blot Apparatus 86 Blotting Apparatus (large) 87 Hybridization Oven with Shaking Platform and Rottese 88 Vacuum Oven with Vacuum Pump (30L) 90 Hot Air Oven (250L) 91 Drying Oven (50L)(Ambient-150C) 92 Drying Cabinet for Glassware and Instruments 95 Microwave Oven 96 Dry Block	rie	Q'ty A 2 A 2 A 2 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3
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83 X-ray Film Processor 84 Dot-Blot Apparatus 85 Southern Blot Apparatus 86 Blotting Apparatus (large) 87 Hybridization Oven with Shaking Platform and Rottese 88 Vacuum Oven with Vacuum Pump (30L) 90 Hot Air Oven (250L) 91 Drying Oven (50L)(Ambient-150C) 92 Drying Cabinet for Glassware and Instruments 95 Microwave Oven	rie	C1 A1 C1 C1 A3 C1 A1
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86 Blotting Apparatus (large) 87 Hybridization Oven with Shaking Platform and Rottese 88 Vacuum Oven with Vacuum Pump (30L) 90 Hot Air Oven (250L) 91 Drying Oven (50L)(Ambient-150C) 92 Drying Cabinet for Glassware and Instruments 95 Microwave Oven	rie	A 1 C 1 C 1 A 3 C 1 A 1
86 Blotting Apparatus (large) 87 Hybridization Oven with Shaking Platform and Rottese 88 Vacuum Oven with Vacuum Pump (30L) 90 Hot Air Oven (250L) 91 Drying Oven (50L)(Ambient-150C) 92 Drying Cabinet for Glassware and Instruments 95 Microwave Oven	rie	C 1 C 1 A 3 C 1 A 1 A 2
 87 Hybridization Oven with Shaking Platform and Rottese 88 Vacuum Oven with Vacuum Pump (30L) 90 Hot Air Oven (250L) 91 Drying Oven (50L)(Ambient-150C) 92 Drying Cabinet for Glassware and Instruments 95 Microwave Oven 	rie	C 1 A 3 C 1 A 1 A 2
88 Vacuum Oven with Vacuum Pump (30L) 90 Hot Air Oven (250L) 91 Drying Oven (50L)(Ambient-150C) 92 Drying Cabinet for Glassware and Instruments 95 Microwave Oven		C 1 A 3 C 1 A 1 A 2
90 Hot Air Oven (250L) 91 Drying Oven (50L)(Ambient-150C) 92 Drying Cabinet for Glassware and Instruments 95 Microwave Oven		C 1 A 1 A 2
91 Drying Oven (50L)(Ambient-150C) 92 Drying Cabinet for Glassware and Instruments 95 Microwave Oven		C 1 A 1 A 2
92 Drying Cabinet for Glassware and Instruments 95 Microwave Oven	⁻	A 1 A 2
95 Microwave Oven	٠.	A 2
·		
ANA		A 2
101 Boiling Sterilizer (100C)	- 	A 1
102 Top Loading Autoclave		A 1
103 Front Loading Autoclave (50L)	•	A 2
106 Hand Held Short Wave (254nm) UV Light	•	A 1
108 Orbital Shakers (With Auto Veverse)		A 3
110 Rocking Platform with Base		A 2
The state of the s		C 4
		A 1
		B 1
		A 1
	• :	A 1
		C 1
	s	A 1
		A 4
<i>=</i> .•		B 2
		A 2
		Â1
		A 4
	•	A 3
		A 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	111 Autoradiography Exposure Cassettes 113 Gel Drying Apparatus 114 Milli Q/RS Reagent Grade Water System 115 Auto(Water) Still 116 Ultrasonic Pipette Washer 117 Ultrasonic Cleaner	11 Autoradiography Exposure Cassettes 13 Gel Drying Apparatus 14 Milli Q/RS Reagent Grade Water System 15 Auto(Water) Still 16 Ultrasonic Pipette Washer 17 Ultrasonic Cleaner 18 Washing Machine for Pipettes and Tubes with Brushes 122 Magnetic Stirrer with Hot Plate 124 Millipore Filter Assembly 156 Dissecting Instrument Set 159 X-ray Viewer (Illuminator) - Standard 161 X-ray Accessories 162 Cassette with intensifying screen

[Department of Microbiology	i
New No.	No	Description	Q'ty
142	174	Slide Warmer	A 4
		Stop Watch/ Clock	A 2
147	184	Interval Timers	A 4
148	185	Slide Book	C 1
149	186	Electronic Dry Housing for Microscopes	C 5
		* * * * * * * * * * * * * * * * * * *	C 2
232	329	Angle Poised Lamp Magnifying Glass with Handle (Hand Type)	A 2
237	353	Educational TV and VCR Set	A 1
238	355	Slide Projector	A 1
239	356	Overhead Projector	A 1
240	357	Projector Screens	A 1
		Laser Pointer	A 2
244	367	Desk Top Computer Set	A 1
		Laser Printer	à 1
250	381	Electronic Type Writer with Memory (English)	B 1
		Slide Viewer	- A 1
255	393	Paper Guillotine	B 1
	-	Epidiascope	B 1
259	-	Magiboards	A 3
262		Dehumidifier	A 2
266	434	Uninterrupted Power Supply (UPS)	A 2
267	_	Stabilizers	A 8
268		Automated, Electronic Colony Counter	A 1
		Rotary Innoculator	`A 1
271		Fully Automatic, Computer Blood Cullture	[*] B 1
272		Classware Set	Δ 1

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New No.			
	No	Description	Q'ty
2	2	CCTV System with 8 monitor, video camera, deck	A.1
4	4	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 2
5	5	Inverted Tissue Culture Microscope	Ã1
5 7	7	Binocular Microscopes	B 10
		Biological Microscope	C 4
8 9		Stereoscopic Zoom Microscope	à 2
16		Automated Coulter Full Blood Analyzer (Coulter Counter)	C 1
17		Apparatus for Deionising Water	B 1
18	26	Electronic Precision balance (Readability 0.01g)	~ A 1
19		Electronic Balance (Range 0.01mg-100mg)	Ä 1
22		Chest Freezer (-70C)	A 1
23		·	A 2
		Freezers (-30C)	
24	-	Refrigerator (Double Door)	A 2
25		Refrigerator (150L)	A 1
30		Dewars for Specimen Storage in Liquid N2	B 2
31		Liquid N2 Storage Vessels (on Stand with Castors)	B 2
32	41	Liquid N2 Flasks	B 3
37	46	Incubator (150L)	A 1
38	47	Floor Standing Incubators (250L)	B 1
41	51	CO2 Incubator (150L,5-50C)	. A1
42	53	Safety Cabinet, Class II	C 1
44	55	Fume Hood	1
48	59	Centrifuge, Refrigerated	C 1
49		Refrigerated Microfuge with Rotors	C 1
50		Microfuge	A 1
51		Centrifuge, Bench	A 1
52		Microtitre Plate Reader	A 1
53		Automatic Microtitre Plate Washer	,A 1
54		Microtitre Plate Shaker	A 1
56		Automatic Pipettes Set	A 3
57		Multi-channel Pipettes (8 channel) with Stand Set	A 2
60		Vortex Mixers	A 1
61		pH Meters	A 1
62		Hand held pH Meters	A 1
63		Shaking Water Bath Water Bath 12-16L	C 1
64 69			A 1
71		Electrophoresis for Protein, Verticle Gel Apparatus Transfer Apparatus for Gels	B 1
76		Blotting Apparatus (large)	A 1 B 1
70 79		Hot Air Oven (250L)	A 1
80		Drying Oven (50L)(Ambient-150C)	- <u>A </u>
81		Drying Cabinet for Glassware and Instruments	B 1
82		Microwave Oven	A 1
	·	15	· .

Department of Parasitology				
New No.	No	Description	Q'ty	
86	101	Boiling Sterilizer (100C)	A 1	
87	102	Top Loading Autoclave	A1	
88	103	Front Loading Autoclave (50L)	A 1	
90	107	UV-Rays Lamp	B 1	
		Gel Drying Apparatus	A 1	
		·Auto(Water) Still	A 1	
98	116	Ultrasonic Pipette Washer	,A 1	
		Washing Machine for Pipettes and Tubes with Brushes	,A 1	
I		Parasite Sonicator	B 1	
		Magnetic Stirrer with Hot Plate	A 2	
104	124	Millipore Filter Assembly	B 1	
		Stop Watch/ Clock	A 2	
		Interval Timers	A 2	
		Electronic Dry Housing for Microscopes	C 5	
232	329	Magnifying Glass with Handle (Hand Type)	A 4	
237	353	Educational TV and VCR Set	A 1	
239	356	Overhead Projector	A 1	
240	357	Projector Screens	A 1	
243	366	Laser Pointer	A 2	
- 244	367	Desk Top Computer Set	A 1	
245	374	Laser Printer	A 1	
250	381	Electronic Type Writer with Memory (English)	B 1	
251	382	Slide Viewer	A 1	
257	395	Epidiascope	B 1	
259	399	Magiboards	A 3	
262	402	Dehumidifier	A 2	
263	403	Polaroid camera	B 1	
266	434	Uninterrupted Power Supply (UPS)	A 2	
267	435	Stabilizers	A 8	
273	•	Glassware Set	A 1_	

Student Laboratory for Parasitology and Microbiology				
New No	No	Description	Q'ty	
	2	CCTV System with 8 monitor, video camera, deck	A 1	
3		Research Microscope, trinocular with CCTV attachment	A 1	
7		Binocular Microscopes	A 60	
259		Magiboards	A 1	
		Uninterrupted Power Supply (UPS)	A 2	
		Stabilizers	A 2	
273		Glassware Set	<u>A 1</u>	

Department of Pharmacology				
New No.	No	Description	Q'ty	
7	7	Binocular Microscopes	A 1	
17	25	Apparatus for Deionising Water	A 1	
18	26	Electronic Precision balance (Readability 0.01g)	Ä1	
19	28	Electronic Balance (Range 0.01mg-100mg)	A 1	
21		r na neuro en en esta de esta de la compaño a de esta d	B 1	
30	39	Dewars for Specimen Storage in Liquid N2	8 1	
31	40	Liquid N2 Storage Vessels (on Stand with Castors)	81	
32	41	11	B 1	
35		region for the programment of the contract of	C 1	
37	2	Vacuum Concentrator Incubator (150L)	A 1	
43		Tissue Culture Glove Box	C 1	
47		Centrifuge, Cold, High Speed	Ċ 1	
56		Automatic Pipettes Set	À1	
57		Multi-channel Pipettes (8 channel) with Stand Set	A 1	
60		Vortex Mixers	A 1	
61		pH Meters	A 3	
62		Hand held pH Meters	A 1	
64		Water Bath 12-16L	Ä2	
78		Vacuum Oven with Vacuum Pump (30L)	Ċ1	
79		Hot Air Oven (250L)	à Í	
80		Drying Oven (50L)(Ambient-150C)	A 1	
81		Drying Cabinet for Glassware and Instruments	A 1	
83		Dry Block	C 1	
86		Boiling Sterilizer (100C)	A 1	
87		Top Loading Autoclave	A 1	
90		UV-Rays Lamp	B 1	
		Orbital Shakers (With Auto Veverse)	A 1	
97		Auto(Water) Still	Ä1	
98	116	Ultrasonic Pipette Washer	À1	
99	117	Ultrasonic Cleaner	C 1	
102	122	Magnetic Stirrer with Hot Plate	À 3	
		Vacuum Pump	A 4	
104	124	Millipore Filter Assembly	C 1	
		ECG Machine, 3CH	C 1	
		Cardiac Bedside Monitor	C-1	
		Treatment Carriage	C 3	
		Mixer for Small Container	A 10	
		Solvent System	Ç 1	
174	219	Melting Point Apparatus	A 1	
175	220	Disintegration Testing System	A 1	
176	221	Tablet Friability and Friction Tester	<u>A</u> 1	
		Hardness Tester of Tablets	A 1	
		Sieve Shaker	A 1	
1/9	224	Sieve	<u>A 1</u>	
		17	17. sl	
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Department of Pharmacology				
New No.		•	Q'ty	
180	225	Moisture Content Measuring Equipment	A 1	
181	226	⊹Small Grindino Mill	ÃĨ	
182	227	Electric Ball Mill	A 1	
183	228	Mill for Analysis	∃Ā 1	
184	229	,Oil Bath	<u>A</u> 1	
185	230	·T		
186	231	Shaker for Separating Funnel	A 1	
I 1X/	・・・ノマン	Shaker	Ā Ï	
188	233	Mantel Heater	A 1	
189	234	Aspirator Volt Slider	À 1	
190	235	Volt Slider	Λ	
191	236	Draft Chamber	81	
192	239	Electric Furnace	A 1	
193	240	Polarimeter	A 1	
194	241	Refractometer	1	
195	242	Air Compressors	C 2	
196	244	Colony Counter	`A 1	
197	245	Thermal Hygrograph, With Recorder	1	
198	248	Planetary Mixer - Pilot Scale Capacity 5kg	à 1	
199	249	Oscillating Granulator - Pilot Scale Capacity 5kg	A 1	
200	250	Drum Mixture - Pilot Scale Capacity 10L	A 1	
201	251	Tray Drying Oven - Pilot Scale Capacity 5kg	A 1	
202	252	Tableting Machine	Ä 1	
203	253	Punches for Tabletting Machine 10mm Flat/Beveled/Brakeline	A 1	
204	254	Punches for Tabletting Machine 6mm Double Concave	ΑÏ	
205	255	Coating Pan - Sugar - Pilot Scale Capacity 5kg	A 1	
206	256	Capsule filling Machine - Manual 100 Caps per Fill	Ä 1	
207	257	Volt Slider	C 1	
208	258	Viscometer	ÂÌ	
244	367	Desk Top Computer Set	A 1	
245	374	Laser Printer	A 1	
259	399	Magiboards	A 1.	
262	402	Dehumidifier	A 1	
266	434	Uninterrupted Power Supply (UPS)	ΑŹ	
1		Stabilizers	8 A	
273		Glassware Set	A 1	

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New No	No	Description		Q
1	1	Teaching Microscope with 5 teaching attachment	- 	В
2		CCTV Custom with 2 manitar video comora dock		Ä
7		Binocular Microscopes		A
9	15	Stereoscopic Zoom Microscope		·Ä
20		Cryostat with Knife	• •	В
23		Freezers (-30C)		Á
	_			· · · · · · · · · · · · · · · · · · ·
25		Refrigerator (150L)		A: B
37	_	Incubator (150L)	-	 B
42		Safety Cabinet, Class II		C
51		Centrifuge, Bench		Α
56		Automatic Pipettes Set		Ą
58		Automatic Volume Dispensers Set	-	Α.
60		Vortex Mixers	•	Α
61		pH Meters	÷ .	A
62		Hand held pH Meters	*	Α
64		Water Bath 12-16L	• •	Α
· 79		Hot Air Oven (250L)		A
80		Drying Oven (50L)(Ambient-150C)	`	Α.
81		Drying Cabinet for Glassware and Instruments		A
85		Hot Plate		Α
86		Boiling Sterilizer (100C)		A
87		Top Loading Autoclave		Α
		Auto(Water) Still		A
		Magnetic Stirrer with Hot Plate		A
		Vacuum Pump	-	В
		Dissecting Instrument Set		A
		X-ray Viewer (Large)		Α
		Tissue Precessing Machine		Α
		Paraffin Trowel		Α
	•	Shaker for Tissue Fixation		Ą
141		Paraffin Oven		· A
		Microscopic Slide and Tissue Block Cabinet		C
		Microtome Knives Set		A :
-		Automatic Microtome Knife Sharpener		Α
		Stop Watch/ Clock		\mathbf{A}_{i}
-		Interval Timers		A
		Angle Poised Lamp		C
		Magnifying Glass with Handle (Hand Type)		A
		Educational TV and VCR Set		,A
		Stide Projector	-	A
		Overhead Projector	<u></u>	, A
		Projector Screens		A
		Desk Top Computer Set	(- A
	3/4	Laser Printer	· · · · · · · · · · · · · · · · · · ·	<u> </u>

Department of Forensic Medicine				
New No.	No	Description	Q'ty	
250	381	Electronic Type Writer with Memory (English)	81	
251	382	Slide Viewer	A 1	
255	393	Paper Guillotine	B 1	
257	395	Epidiascope	A 1	
259	399	Magiboards	A 1	
262	402	'Dehumidifier	A 1	
266	434	Uninterrupted Power Supply (UPS)	A 2	
267	435	Stabilizers	A 4	
273		Glassware Set	A 1	

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	Department of Family Medicine and Community Medicine				
New No.	No	Description	Q'ty		
7	. 7	Binocular Microscopes	A 2		
11	18	Single Beam, Visible Light Spectrophotometer	à 1		
16		Automated Coulter Full Blood Analyzer (Coulter Counter)	C 1		
24		Refrigerator (Double Door)	A 2		
51	62	Centrifuge Bench	A 1		
56	66	Automatic Pipettes Set	Äİ		
	74	Water Bath 12-16L	A 1		
79	90	Hot Air Oven (250L)	Ā 1		
86	101	Boiling Sterilizer (100C)	A 1		
87	102	Top Loading Autoclave	A 2		
		Haematocrit Centrifuge	A 1		
		Instrument Tray Table with Castors	A 4		
		Examination Table	A 4		
217	268	Examination Bed For Gynecology	`A 1		
218	269	Surgical Bed for Minor Surgery, Manual	A 1		
		Small Operating Theatre Lamp Mobile	A 1		
220	271	Hand Lamp	A 4		
221	272	Angle Poised Lamp	A 2		
222	273	Diagnostic Set For Community and Family Medicine	A 3		
223	284	Foetal Heart Detector (Doppler)	`A 1		
224	285	Proctoscope with Light Source	A 1		
		Small. Portable, electrically Operated Sucker	A 1		
		Nebuliser	~A 1		
		Portable Defibrillator	B 1		
228	300	Electric Cautery For Skin	A 1		
229	301	Infra Red Lamp	A 1		
236	352	Observation TV and Camera Set With VER	A 1		
239	356	Overhead Projector	A 1		
240	357	Projector Screens	A 1		
244	367	Desk Top Computer Set	A 1		
i		Laser Printer	A 1		
		Magiboards	1		
266	434	Uninterrupted Power Supply (UPS)	A 2		
267	435	Stabilizers	A4		
272		Blood Cell Counting Chamber (WBC,RBC)	A 5		
273		Glassware Set	à 1		
		Mini-bus, 20 to 30 sheets capacity	A 1		
		Transport vehicle	Ä1		

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Department of Medicine					
New	No.	No	Description		Q'ty
	7		Binocular Microscopes		A 1
	18		Electronic Precision balance (Readability 0.01g)		A 1
	19		Electronic Balance (Range 0.01mg-100mg)	• • • • • • • • • • • • • • • • • • • •	B 1
	25		Refrigerator (150L)		ÃÎ
	37	-	Incubator (150L)	•	B 1
	41	.	CO2 Incubator (150L;5-50C)		B 1
	42		Safety Cabinet, Class II		
	48		Centrifuge, Refrigerated		Č 1
	50		Microfuge		Čİ
[51		Centrifuge, Bench		à 1
ŀ	56		Automatic Pipettes Set		A 1
	59		Dilutors	•	C 1
•	61		pH Meters		A 1
	64		Water Bath 12-16L		A 1
:	79		Hot Air Oven (250L)		A 1
ļ	81		Drying Cabinet for Glassware and Instruments		B 1
	85		Hot Plate		A 1
	91	108	Orbital Shakers (With Auto Veverse)		A 1
		131	Portable Echocardiograph		A 1
	117		Electroencephalogram	1	B 1
			Electroneurogram with Visual Evoked Potentials	and EMG	B 1
			Treadmill for Exercise Testing		C 1
	146		Stop Watch/ Clock		A 1
	210		Defibrilator with monitor		A 1
	_		Portable Vitalograph Machine		,A 1
			Pulse Oximeter		A 1
			Infusion Pump		A 3
			Oesophageal pH Monitor		C 1
}	215		ECG and BP Monitor	-	A 1
	_		Weighing Machines		A 1
-			Educational TV and VCR Set		A 1
			Overhead Projector		A 1
[Projector Screens Peak Ten Computer Set		Α1 Λ1
			Desk Top Computer Set		A 1 A 1
ĺ			Laser Printer Electronic Type Writer with Memory (English)		B 1
-			Electronic Type Writer with Memory (English)		B 1
			Dictaphone and Recorders Magiboards		A 1
			: Magiodards : Dehumidifier		A 1
1			Uninterrupted Power Supply (UPS)	•	Ä2
	267		Stabilizers		A 2
	273	400	Glassware Set	·. · · ·	A 1
	295		Diagnostic set for Medicine		A1,

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	Department of Surgery			
New No.	No	Description	Q'ty	
7	7	Binocular Microscopes	A 1	
19		Electronic Balance (Range 0.01mg-100mg)	A 1	
25		Refrigerator (150L)	A 1	
37	. 40	Danish alan (AFOL)	B 1	
41	. 5 <u>1</u>	CO2 Incubator (150L)	B 1	
42	. 53	Safety Cabinet, Class II	C 1	
48		Centrifuge, Refrigerated	C 1	
50	61	Microfuge	C 1	
51	62	Centrifuge, Bench	A 1	
56	66	Automatic Pipettes Set	A 1	
59	69	Dilutors	C 1.	
61		pH Meters	à 1	
64		Water Bath 12-16L	A 1	
79		Hot Air Oven (250L)	A 1	
81		Drying Cabinet for Glassware and Instruments	B 1	
85		Hot Plate	A 1	
91	108	Orbital Shakers (With Auto Veverse)	A 1	
146	183	Stop Watch/ Clock	A 1	
237		Educational TV and VCR Set	A 1	
239	356	Overhead Projector	A 1	
		Projector Screens	A 1	
244	367	Desk Top Computer Set	Αì	
		Laser Printer	À 1	
250	381	Electronic Type Writer with Memory (English)	B 1	
		Dictaphone and Recorders	B 1	
259		Magiboards	A 1	
266		Uninterrupted Power Supply (UPS)	ΑŻ	
267		Stabilizers	A 2	
273		Glassware Set	A 1	
294		Diagnostic set for Surgery	A 1	

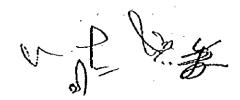
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7 11 19 25 37 48	18 28	Ot to December 16 that Light Operator shots are also		Q'ty A 1
11 19 25 37 48	18 28	O'cote Design A Collete Bloke On a stock at a section		Λ1
19 25 37 48	28	Cisals Doom Visible Light Constrantationator		
25 37 48	_ .			B 1
37 48		Electronic Balance (Range 0.01mg-100mg)		A 1
48	34	Refrigerator (150L)		A 1
	46	1 1 1 14 6013		A 1
	59	Centrifuge, Refrigerated		C 1
	61	Microfuge		
51		1 m 1 m 2 m 2 m 2 m 3 m 3 m 3 m 3 m 3 m 3 m 3		
56	66	Centrifuge, Bench Automatic Pipettes Set		A 1
59	69	Dilutors		C 1
61		pH Meters		A 1
64		Water Bath 12-16L		à 1
79	ÓΔ	Hat Air Ovan (2601)		Ä 1
81	92	Drying Cabinet for Glassware and Instruments		B 1
85	100	Hot Plate		Ā 1
91		Orbital Shakers (With Auto Veverse)		A1
146	100	Stop Watch/ Clock	** · · · · *	A 1
		Haematocrit Centrifuge		A 1
				A 2
157		Measuring Lod For Height		A 2
		Infant Length Scale		À Ž
		Electronic Weighing Scale		A 2
		Infant Weighing Scale	المعممممين	A 3
		Paediatric Diagnostic Sets (Auroscope & Ophtha	imoscope)	A 2
		Skinfold Thickness Calipers	-	· •
		Bilirubin Analyzer		<u>A 1</u>
		Educational TV and VCR Set		A 1
		Slide Projector		<u>A1</u>
		Overhead Projector		A 1
240	357	Projector Screens		A 1
244	367	Desk Top Computer Set		A 1
245	374	Laser Printer		A 1
		Electronic Type Writer with Memory (English)	-	B 1
		Slide Viewer		<u>A 1</u>
257	395	Epidiascope		B 1
258	398	Epidiascope Dictaphone and Recorders		B 1
259	399	Magiboards	grada kamana da sa da da da da da da da da da da da da da	A 1
266	434	Magiboards Uninterrupted Power Supply (UPS) Stabilizate		A 2
267	435	Stabilizers		A 2
273		Glassware Set		A 1
276	A-01	Ultrasonic Nebulizers		A 2
277	A-02	2 Phototherapy Unit		A 3
278	A-03	Phototherapy Unit 3 Automatic Infusion Pumps		A 3
279	A-04	Syringe Infusion Pumps		A 3
280	A-0!	Syringe Infusion Pumps Infant Resuccisator and Accessories Infant Insubator Including Infant Transport Incub:	~	A 1
281	A-06	Infant Incubator including Infant Transport Incuba	ators n)	A 2

		Department of Pediatrics	•
New No.	No	Description	Q'ty
282	A-07	Oxygen Tents	A 2
		Suction Apparatus	A 2
I		Cardiac Monitor	A 2
		Apnea Monitor	A 2
286	A-11	Infant Examination Table	,A 2
		Infant Pressure Cycled Ventilator	A 2
		Oxygen Analyzer	A 2
289		Pulse Oximeter	A 2
290		Liver & Kidney biopsy set	A 1
296		Diagnostic set for Paediatrics	A 1





Department of Obstetrics and Gynecology			
New No.	No	Description	Q'ty
7	7	Binocular Microscopes	A 1
19		Electronic Balance (Range 0.01mg-100mg)	A 1
25		Refrigerator (150L)	A 1
37		Incubator (150L)	B 1
41		CO2 Incubator (1501: 5-50C)	C 1
42		Safety Cabinet, Class II	C 1
48	59	Centrifuge, Refrigerated	C 1
49	60	Refrigerated Microfuge with Rolors	C 1
50	61	Microfuge	C 1
51		Centrifuge, Bench	A 1
56	66	Automatic Pipettes Set	A 1
59		Dilutors	C 1
61	71	pH Meters	A 1
64	74	Water Bath 12-16L	A <u>1</u>
79	90	Hot Air Oven (250L)	A 1
81	92	Drying Cabinet for Glassware and Instruments	B 1
85	100	Hot Plate	A 1
91		Orbital Shakers (With Auto Veverse)	A 1
146		Stop Watch/ Clock	A 1
164		Hysteroscope with Resection Equipment	A 1
165		Colposcope	<u>A</u> 1
166		Cryo-cautary	A 1
168		Bipolar Diathermy	<u>.:A</u> 1
169	-	Doppler Fetal Heart Monitor (Portable)	A 3
170	215	Cardio-toco-graph	<u>A 1</u>
237		Educational TV and VCR Set	. A 1
239		Overhead Projector	A 1
		Projector Screens	A 1
		Desk Top Computer Set	<u>A</u> 1
245	374	Laser Printer	A 1
250	381	Electronic Type Writer with Memory (English)	B 1 B 1
		Dictaphone and Recorders	- 2 -
259	399	Magiboards	
266	434	Magiboards Uninterrupted Power Supply (UPS)	. <u>A. 4</u>
201	435	Stabilizers	
273 297		Glassware Set Diagnostic set for Obstetrics & Gynecology	- <u>A l</u> -
1 297		TRADITION OF THE CONTRACT OF THE PROPERTY OF T	\sim





Department of Psychiatry				
New No	No	Description	Q'ty	
25	34	Refrigerator (150L)	A 1	
209	260	Ophthalmoscope	A 1	
230	306	Camera Set	A 1	
236	352	Observation TV and Camera Set With VER	A 1	
239	356	Overhead Projector	A 1	
		Projector Screens	<u>A 1</u>	
244	367	Desk Top Computer Set	A 1	
245	374	Laser Printer	A 1	
250	381	Electronic Type Writer with Memory (English)	B 1	
258	398	Dictaphone and Recorders	81	
259	399	Magiboards	A 1	
266	434	Uninterrupted Power Supply (UPS)	A 2	
267	435	Stabilizers	A 2	
293		Diagnostic set for Psychiatry	A 1	

	De	partment of Medical Education and Health Sciences	
New No.	No	Description	Q'ty
275		Anatomical Models and Simulators Set	A 1





Medical Illustration Unit				
New No.	No	Description	Q'ty	
24	33	Refrigerator (Double Door)	A 1	
129	158	X-ray Viewer (Large)	A 1	
130	159	X-ray Viewer (Illuminator) - Standard	A 1	
230	306	Camera Set	A 3	
231	307	Illustration Making Set	A 1	
232	329	Magnifying Glass with Handle (Hand Type)	A 1	
233	339	Teaching Video Making Set	A 1	
234	342	Computer Facility for Slide Making	A 1	
		Slide Projector	A 1	
240	357	Projector Screens	A 1	
		Desk Top Computer Set	A 1	
		Laser Printer	A 1	
		Electronic Type Writer with Memory (English)	B 1	
252	387	Electronic Stencil Scanning Machine	B 1	
253	391	Binding Machine(ring binding)	A 1	
254	392	Laminating machine	A 1	
255		Paper Guillotine	A 1	
256		Paper Shredder	C 1	
259		Magiboards	A 1	
261		Split-Type Airconditioners	B 2	
266		Uninterrupted Power Supply (UPS)	A 2	
267	435	Stabilizers	A 1	

Library						
No	Description	Q'ty				
367	Desk Top Computer Set	A 5				
	Laser Printer	A 1				
	Electronic Type Writer with Memory (English)	81				
	Etectronic Stencil Scanning Machine	B 1				
	Paper Guillotine	B 2				
	Paper Shredder	Ċ 1				
	Magiboards	A 2				
	Uninterrupted Power Supply (UPS)	A 2				
	Stabilizers	A 2				

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	Auditorium			
New No.	No	Description	Q'ty	
235	344	Audio Visual Set For Auditorium	A 1	
238	355	Slide Projector	à 2	
239	356	Overhead Projector	A 1	
		Projector Screens	Ã1	
259	399	Magiboards	A 1	
266	434	Uninterrupted Power Supply (UPS)	Ã2	
		Stabilizers	A 2	

	Animal House	
New No. No	Description	Q'ty
274	Equipment For Animal House Set	B 1

		Administration			::	
New No.	No	Description				Q'ty
244	367	Desk Top Computer Set		•		A 3
245	374	Laser Printer			-	A 2
250	381	Electronic Type Writer with Memory (English)				B 2
		Electronic Stencil Scanning Machine	•		·	B i
255	393	Paper Guillotine				C 1
256	394	Paper Shredder	-	-		C 1
		Magiboards				- A 3
266	434	Uninterrupted Power Supply (UPS)				A 3
		Stabilizers				A 2

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ANNEX III

Policy and Criteria for Selection of Equipment

Policy of Selection

- 1) Selection shall be made to meet with the need of curriculum and facility plan.
- 2) Appropriateness of selection shall be judged in consideration of the frequency of use and effectiveness of equipment.

Criteria of Selection

- 1) Principle of Priority
 - a Fundamental equipment required to train doctors, nurses and other paramedicals
 - b Equipment which can be easily repaired and maintained
 - c Equipment which needs to be replaced because of deterioration and equipment which is in shortage in quantity
- 2) Principle of Exclusion
 - a Equipment which is not used for educational activities
 - b Facilities equipment
 - c Consumable and spare parts
 - d Equipment entailing considerable operational and maintenance expenses which are expected to be financial burden for Sri Lankan side
 - e High-technology equipment which surpass the technical level of Sri Lankan side
 - f Equipment that may cause environmental pollution
 - g Equipment for which installment is considered to be difficult in view of the related infrastructural limitation

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ANNEX IV

JAPAN'S GRANT AID PROGRAM

1. Japan's Grant Aid Procedures

- 1) The Japan's Grant Aid Program is executed by the following procedures.
 - · Application (Request made by a recipient country)
 - · Study (Preliminary Study / Basic Design Study conducted by JICA)
 - · Appraisal & Approval (Appraisal by the Government of Japan and Approval by the Cabinet of Japan)
 - · Determination of Implementation (Exchange of Notes between the both Governments)
 - · Implementation (Implementation of the Project)
- 2) Firstly, an application or a request for a project made by the recipient country is examined by the Government of Japan (the Ministry of Foreign Affairs) to see whether or not it is suitable for Japan's Grand Aid. If the request is deemed suitable, the Government of Japan entrusts a study on the request to JICA (Japan International Cooperation Agency).

Secondly, JICA conducts the Study (Basic Design Study), using a Japanese consulting firm. If the background and objective of the requested project are not clear, a Preliminary Study is conducted prior to a Basic Design Study.

Thirdly, the Government of Japan appraises the Project to see whether or not it is suitable for Japan's Grant Aid Program, based on the Basic Design Study report prepared by JICA and the results are then submitted to the Cabinet for approval.

Fourthly, the Project approved by the Cabinet becomes official when pledged by the Exchange of Notes signed by the both Governments.

Finally, or the implementation of the Project, JICA assists the recipient country in preparing contracts and so on.

2. Contents of the Study

1) Contents of the Study

The purpose of the Study (Preliminary Study/Basic Design. Study) conducted on a project requested by JICA is to provide a basic document necessary for appraisal of the project by the Japanese Government. The contents of the Study are as follows:

- a) to confirm background, objectives, benefits of the project and also institutional capacity of agencies concerned of the recipient country necessary for project implementation,
- b) to evaluate appropriateness of the Project for the Grant Aid Scheme from a technical, social and economical point of view.
- c) to confirm items agreed on by the both parties concerning a basic concept of the project,
- d) to prepare a basic design of the project,
- c) to estimate cost involved in the project.

Final project components are subject to approval by the Government of Japan and therefore may differ from an original request.

Implementing the project, the Government of Japan requests the recipient country to take necessary measures involved which are itemized on Exchange of Notes.

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2) Selecting (a) Consulting Firm(s)

For smooth implementation of the study, JICA uses (a) consulting finn(s) registered. JICA selects (a) firm(s) through proposals submitted by firms which are interested. The firm(s) selected carry(ies) out a Basic Design Study and write(s) a report, based upon terms of reference made by JICA.

The consulting firm(s) used for the study is(are) recommended by JICA to a recipient country after Exchange of Notes, in order to maintain technical consistency and also to avoid possible undue delay in implementation caused if a new selection process is repeated.

3) Status of a Preliminary Study in the Grant Aid Program

A Preliminary Study is conducted during the second step of a project formulation & preparation as mentioned above.

A result of the study will be utilized in Japan to decide if the Project is to be suitable for a Basic Design Study.

Based on the result of the Basic Design Study, the Government would proceed to the stage of decision making process(appraisal and approval).

It is important to notice that at the stage of Preliminary Study, no commitment is made by the Japanese side concerning the realization of the Project in the scheme of Grant Aid Program.

3. Japan's Grant Aid Scheme

1) What is Grant Aid?

The Grant Aid Program provides a recipient country with non reimbursable funds needed to procure facilities, equipment and services for economic and social development of the country under the following principles in accordance with relevant laws and regulations of Japan. The Grant Aid is not in a form of donation or such.

2) Exchange of Notes (E/N)

The Japan's Grant Aid is extended in accordance with the Exchange of Notes by both Governments, in which the objectives of the Project, period of execution, conditions and amount of the Grant etc. are confirmed.

- 3) "The period of the Grant Aid" means one Japanese fiscal year which the Cabinet approves the Project for. Within the fiscal year, all procedure such as Exchange of Notes, concluding a contract with (a) consulting firm(s) and (a) contractor(s) and a final payment to them must be completed.
- 4) Under the Grant, in principle, products and services of origins of Japan or the recipient country are to be purchased.

When the two Governments deem it necessary, the Grant may be used for the purchase of products or services of a third country origin.

However the prime contractors, namely, consulting, contractor and procurement firms, are limited to "Japanese nationals". (The term "Japanese nationals" means Japanese physical persons or Japanese juridical persons controlled by Japanese physical persons.)

5) Necessity of the "Verification"

The Government of the recipient country or its designated authority will conclude into contracts in Japanese yen with Japanese nationals. Those contracts shall be verified by the Government of Japan. The "Verification" is deemed necessary to secure accountability to Japanese tax payers.

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6) Undertakings required to the Government of the recipient country

In the implementation of the Grant Aid, the recipient country is required to undertake necessary measures such as the following:

- a) to secure land necessary for the sites of the project and to clear and level the land prior to commencement of the construction work,
- b) to provide facilities for distribution of electricity, water supply and drainage and other incidental facilities in and around the sites.
- c) to secure buildings prior to the installation work in case the Project is providing equipment,
- d) to ensure all the expenses and prompt execution for unloading, customs clearance at the port of disembarkation and internal transportation of the products purchased under the Grant Aid,
- e) to exempt Japanese nationals from customs duties, internal taxes and other fiscal levies which will be imposed in the recipient country with respect to the supply of the products and services under the Verified Contracts,
- f) to accord Japanese nationals whose services may be required in connection with the supply of the products and services under the Verified Contracts, such facilities as may be necessary for their entry into the recipient country and stay therein for the performance of their work.

7) Proper Use

The recipient country is required to maintain and use facilities constructed and equipment purchased under the Grant Aid properly and effectively and to assign staff necessary for their operation and maintenance as well as to bear all expenses other than those to be borne by the Grant Aid.

8) "Re-export"

The products purchased under the Grant Aid shall not be re-exported from the recipient country.

- 9) Banking Arrangement (B/A)
- (a) The Government of the recipient country or its designated authority shall open an account in the name of the Government of the recipient country in an authorized foreign exchange bank in Japan (hereinafter referred to as "the Bank"). The Government of Japan will execute the Grant Aid by making payments in Japanese yen to cover the obligations incurred by Government of the recipient country or its designated authority under the contracts verified.
- (b) The payments will be made when payment requests are presented by the Bank to the Government of Japan under an Authorization to Pay issued by the Government of the recipient country or its designated authority.

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ANNEX V

NECESSARY MEASURES TO BE TAKEN BY THE SRI LANKAN SIDE

The following measures shall be taken by the Government of Sri Lanka on condition that the Grant Aid by the Government of Japan is extended to the Project.

- 1. To provide the temporary site office, warehouse or stock yard during the implementation period;
- To bear two kinds of commissions to the Japanese Foreign Exchange Bank for its banking services based upon the Banking Arrangement, namely
 - -the advising commission of the 'Authorization to Pay' and
 - -the payment commission;
- 3. To exempt taxes and to take necessary measures for customs clearance of the materials and equipment brought for the Project at port of disembarkation;
- 4. To accord Japanese nationals whose services may be required in connection with the supply of products and services under the verified contract such facilities as may be necessary for their entry into Sri Lanka and stay therein for the performance of their work;
- 5. To provide necessary permissions, licenses, and other authorization for implementing the Project, if necessary;
- 6. To assign an appropriate budget and training and administrative staff for proper and effective operation and maintenance of the equipment provided under the Grant; and
- To bear all the expenses other than those to be borne by the Japan's Grant Aid within the scope of the Project.

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ANNEX VI

The Project for the Improvement of Equipment for the Faculty of Medical Sciences, the University of Sri Jayewardenepura

Narrative Summary

(Workshop 10 Oct., 1996, Moderator Mr. HANDA, Co-moderator, Ms. ISHIZAWA)

GOAL (the project purpose is to be aimed for)

To improve and sustain the improved quality of health personnel produced by the University of Sri Jayewardenepura.

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PROJECT PURPOSE (the project is intended to accomplish)

Internationally standardized medical/paramedical training is provided to all students of Faculty of Medical Sciences of University of Sri Jayewardenepura.

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OUTPUTS (the project aims to achieve)

(I)Physical facilities for all departments, is provided by University of Sri Jayewardenepura(USJW)

- *1. Department of Anatomy
- 2. Department of Physiology
- 3. Department of Biochemistry
- 4. Department of Pathology
- 5. Department of Microbiology
- 6. Department of Parasitology
- 7. Department of Pharmacology
- 8. Department of Forensic Medicine
- 9. Department of Family Medicine and Community Medicine
- 10. Department of Medicine
- 11. Department of Surgery
- 12. Department of Paediatrics
- 13. Department of Obstetrics and Gynaecology
- 14. Department of Psychiatry
- 15. Department of Medical Education and Health Sciences
- ②Modern facilities (equipment/instruments) for teaching, teaching-related research and clinical activities are provided by Japanese Government /JICA.
 - *medical and paramedical undergraduate trainings.
- Maintenance and administrative functions of the Faculty of Medical Sciences (FMS), USJW are strengthened further in order to meet the requirement of newly introducing equipment / instruments.
- Academic, non-academic staff are secured enough to carry out the teaching, teaching-related research and clinical activities under the improved condition of physical facilities, facility.
- Simprovement of curriculum and teaching methods is further advanced in order to meet the requirement of the Project.

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Construction Schedule for the Faculty of Medical Sciences

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10. Minutes of Discussion (Draft Report)

MINUTES OF DISCUSSIONS ON BASIC DESIGN STUDY ON THE PROJECT FOR IMPROVEMENT OF THE EDUCATIONAL EQUIPMENT FOR THE FACULTY OF MEDICAL SCIENCES, THE UNIVERSITY OF SRI JAYEWARDENEPURA

IN

THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA (CONSULTATION ON DRAFT REPORT)

In October 1996, the Japan International Cooperation Agency (JICA) dispatched a Basic Design Study Team on the Project for Improvement of Educational Equipment for the Faculty of Medical Sciences, the University of Sri Jayewardenepura in the Democratic Socialist Republic of Sri Lanka (hereinafter referred to as "the Project"). The draft report of the study was prepared by JICA, after subsequent to discussions, field survey and technical examination of these results, in Japan.

In order to explain and consult the Sri Lanka side on the components of the draft report, JICA sent a study team to Sri Lanka headed by Dr. HANDA Yujiro, Development Specialist, JICA, and was scheduled to stay in the country from January 15 to 24, 1997.

As a result of discussions, both parties have agreed to arrangements described in the attachment.

Dr. HANDA Yujiro

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Draft Report Explanation Team

Japan International Cooperation Agency

Mr. M.D.D. PIERIS

Secretary

Ministry of Education & Higher Education

The Democratic Socialist Republic of Sri Lank

January 22, 1997 Colombo

Prof. S. TILAKARATNA

Chairman

University Grants Commission

Ministry of Education & Higher Education

The Democratic Socialist Republic of Sri Lanka

Prof. P. WILSON

Vice Chancellor

The University of Sri Jayewardenepura

The Democratic Socialist Republic of Sri Lanka

Mrs. D.D.J. KUDALIGAMA

Additional Director General

Department of External Resources

Ministry of Finance & Planning

The Democratic Socialist Republic of Sri Lanka

Dr. D. DISSANAYAKE

Secretary

Ministry of Health, Highway & Social Services

The Democratic Socialist Republic of Sri Lanka

ATTACHMENT

1. Contents of the draft report

The Government of Sri Lanka has in principle agreed and accepted the contents of the draft report proposed by the Team.

2. Responsible and Executing Agency

The Ministry of Education and Higher Education is responsible for the administration and execution of the Project.

3. Equipment requested by the Government of Sri Lanka

1) Equipment for the Faculty of Medical Sciences, the University of Sri Jayewardenepura.

The equipment, described in ANNEX 1-1 and ANNEX 1-2, are finally requested by the Government of Sri Lanka for procurement under the Japan's Grant Aid.

- 2) Equipment for Undergraduate Clinical Training at Colombo South Teaching Hospital.
- a) After the present study, the equipment described in ANNEX 1-3 was additionally requested by the Government of Sri Lanka.
- b) The Government of Sri Lanka agreed to give priority order to the requested equipment as follows:

A = 1st Priority B = 2nd Priority C = 3rd Priority

The requested equipment shall be re-examined to finalise the Basic Design Study Report.

4. Preparation of the final report.

JICA will prepare the final report in accordance with the confirmed items and submit to the Government of Sri Lanka around April, 1997.

- 5. Japan's Grant Aid System
 - 1) The Government of Sri Lanka has understood the system of Japan's Grant Aid explained by the team (See ANNEX II).
 - 2) The Government of Sri Lanka will take necessary measures, described in Annex III for smooth implementation of the Project on condition that the Japan's Grant Aid is extended to the Project.

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6. Other relevant issues

1) The maintenance of the equipment procured by this project will be carried out with the services offered by Bio-medical Engineering Service (B.E.S.) of the Ministry of Health, Highway and Social Services under the co-operation between the Ministry of Education and Higher Education and the Ministry of Health, Highway and Social Services.

Some sophisticated equipment, which can not be maintained by B.E.S., shall be contracted to the local agents of the manufacturer for service and maintenance.

- 2) B.E.S. will undertake training of the engineers of the Maintenance Unit of the Faculty of Medical Sciences, the University of Sri Jayewardenepura.
- 3) University Grants Commission will secure budget at least 55 million Rp./annum needed for the operation and maintenance cost for the Faculty of Medical Sciences, University of Sri Jayewardenepura including for the University Professorial Unit at Colombo South Teaching Hospital.
- 4) The Ministry of Health, Highway and Social Services will be responsible for the budget of operation and maintenance cost including spare parts, chemicals, reagents etc. (at least approx. 3.8 million Rp./annum in addition to the present annual budget) of equipment which will be provided to the central services of Colombo South Teaching Hospital, such as Operation Theatre, I.C.U., Radiology, Clinical Pathology and Accident Emergency Department, etc., as parts of upgrading the said hospital.



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ANNEX 1-1

Equipment List for the Faculty of Medical Sciences, the University of Sri Jayewardenepura

ANNEX I-1 Equipment List for the Faculty of Medical Sciences

Comn	non Iten	ns among the Department			
Orig. Io.	item No.	Description	Co	mmon	Phase
			Rq.	Plan	
10	L-013	Double Beam Spectrophotometer, 200-1000nm	A 2	2	2
12	L-016	Digital Flame Photometer	A2	2	2
13	3	IR Spectrophotometer	C 1	Ī	
- 15	31	Fully Automatic Random Access Analyzer	C 1		1
29	L-029	Ice Flake Maker	A 2	2	2
33	3-L-034	Freeze Oryer	A 1	1	2
45	5]	Ultracentrifuge, 30000-150000 rpm	C 1		
	L-044	Ultracentrifuge, 60000 rpm		1	2
47	7	Centrifuge, Cold, High Speed	A 1	Ì	
	3 L-045	Centrifuge, Refrigerated	A 1	1 1	1
	9:L-046	Refrigerated Microfuge with Rotors	A 1	1	1
).L-047	Microfuge		i 1	1
)L-056	Dilutors	A 2	2	2
94	· · · · · · · · · · · · · · · · · · ·	Gel Documentation and Analysis System	C 1	Ť	ļ — —
	7;L-087	Auto(Water) Still	A 1	1	2
105		Programmable, Cell Harvester	C 1	i	· · · · ·
111		HPLC System	C 1	i	<u> </u>
112		Blood chemical concentration analyzer	C 1		i
		Blood Gas Analyzer	A 1	1 1	1
		Laparoscope with Video Unit	A 1	1 1	1
17	1:M-031	Ultrasound Machine with Color Doppler	B 1	. 2	1
		Video Endoscopy System	A 1	1 1	1
	3 M-033	· · · · · · · · · · · · · · · · · · ·	A 1	1	1
	710-008	IEducational TV and VCR Set		1 5	1
		:Slide Projector		1 5	1
		Overhead Projector		5	
		!Projector Screens		5	
		Laptop Computer	A 5	1 5	
		Color Video Projector	A 1	<u> </u>	:
		Bubble Jet Color printer	A2	· 2	
	7 O-018		A 3	3	<u> </u>
	10-010	Doct Madrix 1 mer 241 m			
24	8 0-019	Photocopying Machine	A 5	7	
		Photocopying Machine with sorting unit		<u>i</u> 1	
	9 O-021	Electronic Duplicating Machine	A 5	5	1
25		Electronic Stencil Scanning Machine	B 2		<u> </u>
	0 O-030	Fax Machines	B 5	 	1
	6 O-034	Uninterrupted Power Supply (UPS)	A 1		1
26	710-035	Stabilizers	A 5		<u> 1</u>
	0-039	Portable generator		10	1

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ANNEX I-1

Equipment List for the Faculty of Medical Sciences

·		of Anatomy		<u> </u>	
	Item No.	Description	Ana	lómy	Phase
			Rq.	Plan	i
1	L-001	Teaching Microscope with 5 teaching attachment	A 1	ĺ	1
. [L-005	CCTV System with 6 monitor, VCR		1	2
4	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A3	3	1
5	L-008	Inverted Tissue Culture Microscope	B 1	1	1
8	L-011	Biological Microscope	A 60	40	i 1
9:	L-012	Stereoscopic Zoom Microscope	A 1	1	1
20	L-020	Cryostat with Knife	C 1	İ	1
. 25	L-025	Refrigerator (150L)	A 2	2	2
37	L-037	Incubator (150L)	B 1	1	2
43	L-042	Tissue Culture Glove Box	B 1	1	<u> </u>
44:	L-043	Fume Hood(Draft chamber)	lB 1	<u> </u>	2
51	L-048	Centrifuge, Bench	A 1	1	1
	L-061	Water Bath 12-16L	B 1	1	
79.		Hot Air Oven (250L)	B 1	1	
103	L-092	Vacuum Pump	C 2	:	1
125	L-095	¡Automatic Body Embalment System	A 1	1 1	<u> </u>
126.	L-096	Body Preservation Locker For 10 Bodys	A 2	2	1
127	L-097	Dissecting Instrument Set	A 2	! 2	. 1
128	L-098	IX-ray Film Cabinet	A 1	1	
130	L-100	[X-ray Viewer (Illuminator) - Standard	A 1	1	<u> </u>
	L-101	Portable X-ray Unit	A 1	1	
	L-102	X-ray Accessories	A 1	1	
	L-103	Cassette with intensifying screen	A 6	6	
134		X-ray Protection Screen with Lead Glass	A 1	÷	
		X-ray Protection apron set		3	2
135	L-105	Developing Tank	A 1	! 1	
	L-106	Automated Slide Stainer	C 1		-
137	L-107	Tissue-Tek Embedding Centre	IC 1	İ	1
139	L-109	Paraffin Trowel	C 1	1	1 1
140	L-110	Shaker for Tissue Fixation	C 1	ī	· 1
	L-111	Paraffin Oven	C 1	i 	1
	L-112	Slide Warmer	C 1	i	2
143		Microscopic Slide and Tissue Block Cabinet	C 1	i	ļ
	L-113	Microtome with Knives Set	A2	1 2	1
	L-114	Automatic Microtome Knife Sharpener	A 1	1	
	L-115		IA 1	1 2	
		Interval Timers	A1	1	
148		Slide Book	C 1	:	:
149		Electronic Dry Housing for Microscopes	€C 60	<u> </u>	:
230	O-001	Carnera Set	· · · · · ·	1	1
237	O-008	Educational TV and VCR Set	A 1	į	1
243	O-014	Laser Pointer	A 2	: 2	1
244	O-015	Desk Top Computer Set	A 1	, 1	
245	O-016	Laser Printer	·A 1	<u> </u>	: 1
250	O-022	Electronic Type Writer with Memory (English)	iB 1	: 1	1 1
251	O-023	Slide Viewer	:A 1	i	· 1
		iMagiboards	A 1	······· 1	1
		Dehumidifier	A 1	: 1	. 1
266	O-034	Uninterrupted Power Supply (UPS)	A2	2	1
		Stabilizers	8 A,	· • - •	. 1
273	L-146	Glassware Set	A 1	: 1	1

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ANNEX I-1 Equipment List for the Faculty of Medical Sciences

•	ltem	Description	Phys	iology	Phase
10.	No.	<u>'</u>	Rq.	Plan	 -
	1 007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	IA 1		1
	L-007 L-010	<u> </u>	A1 B7	1	
	L-010	Binocular Microscopes Single Beam, Visible Light Spectrophotometer	B 1	7	1
16			C 1		2
	L-018	Automated Coulter Full Blood Analyzer Electronic Precision balance (Readability 0.01g)	- O I	1	
		· · · · · · · · · · · · · · · · ·			!
	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	!
	L-025	Refrigerator (150L)	A 1	1	
	L-037	Incubator (150L)	A 1	1	<u> </u>
	L-048	Centrifuge, Bench	A 1	1	÷
	L-058	pH Meters	A 1	1	
	L-060	Shaking Water Bath	C 1	ļ	2
	L-061	Water Bath 12-16L	A 1	1	·
	M-002	ECG Machine, 3CH Hand Grip Dynamometer/Ergograph for Isometric Exercise Testing	A 1	1	1
	M-003	,,_,_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	M-004	Computerized Plethysmograph	A 1	1	
	M-005	Tilting Table, Manual	A 1	1	·
	M-006	Electroencephalogram	A 1	1	:
	M-007	Electroneurogram with Visual Evoked Potentials and EMG	A 1	1	:
	M-008	Perimeter, Gorldman	A 1	. 1	
	M-009	Audiometer, Screening	A 1	1	<u>. </u>
		Automated Spirometer	B 1	1	<u> </u>
	M-011	Treadmill for Exercise Testing	81	1	
	M-012	Stethograph with Biorite	C 1	} <u>'</u>	
124		Physiograph	<u> </u>	2	1
	L-115	Stop Watch/ Clock	i		<u></u>
	L-116	Interval Timers	A 10	10	
	L-117	Digital Haemoglobinometer		1 4	1
	L-118	Haematocrit Centrifuge	A 1 B 2	1 2	
	M-014	Silicon Resuscitation Bags	A 2	2	
	M-015	Length Scale	A 1	1	
	M-016	Instrument Tray Table with Castors Examination Table	A 3	3	·
	M-017	<u> </u>	A 1	1	<u>. </u>
	M-019	Electronic Weighing Scale Diagnostic Sets (Auroscope & Ophthalmoscope)	DF+4	 	1 1
		Camera Set	UF T4	1	<u>, </u>
		Educational TV and VCR Set	A 1	} :	1
			A 1	1	<u> </u>
		Desk Top Computer Set	A 1	1	
		Electronic Type Writer with Memory (English)	B 1	1	 -
			A 1	1	
		Magiboards Uninterrupted Power Supply (UPS)	A 2	2	
		Stabilizers	A 8	8	
			A 1	- 1	· •
		Audio Cassette Player with Speakers Glassware Set	A 1		

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ANNEX I-1 Equipment List for the Faculty of Medical Sciences

Depart	lment o	f Biochemistry					
Anima	l House)					
Orig. No.	liem No.	Description	8ioch	emistry	Ar	nimal	Phase
			Rq.	Plan	Rq.	Plan	
<u>-</u>	L-007	Research Microscope(FL, Ph/C, Pol Attach) with Photo system	A 1	1	<u></u>	Figit	l 1
	L-008	Inverted Tissue Culture Microscope	181		!	·	1 1
	L-010	Binocular Microscopes	• A 1	 '		┧	1
	L-015	Single Beam, Visible Light Spectrophotometer, with auto sampler		1	ļ	1	1 1
14	- 0.0	Autoanalyzer for Blood Metabolites	B 1	 -	ļ	· 	├
	L-019	Electronic Balance (Range 0.01mg-100mg)		1		+	1
	L-022	Chest Freezer (-80C)	A 1			 	2
	L-025	Refrigerator (150L)	A 1	1 1	 	 	2
	L-034	Freeze Oryer	A 1		ļ	 -	2
	L-035	Vacuum Concentrator	B 1	1 1	 	 	2
	L-040	CO2 Incubator (150L;5-50C)		1	<u> </u>	 	2
	L-047	Microfuge	A 1	1		 	1
	L-048	Centrifuge, Bench	A 1	1	1	 	1 1
	L-049	Microtitre Plate Reader	C 1	 :		 	<u></u>
	L-053	Automatic Pipettes Set	IDF+1	{	<u> </u>	 	1 1
	L-058	pH Meters		1		 -	2
	L-060	Shaking Water Bath		1		 	2
	L-064	Electrophoresis Apparatus, Horizontal Gel Tank	- 01	 '	ļ	 	2
	L-065	[Mini Gel Apparatus with dryer and stainner	B 1		 	┼──	2
	L-066	Electrophoresis for Protein, Verticle Gel Apparatus	A 1		<u> </u>	 -	2
	L-067	Electrophoresis for Protein with densitometer		1		 -	1-7
71	L-068	Transfer Apparatus for Gels	A 1	 	J	 	1
	L-075	Microwave Oven	DF+1	† 	-	 	2
84		Muffle Furnace (500-1000C)	A 1	 	 		
	L-089	Washing Machine for Pipettes and Tubes with Brushes	IDF+1	 		1	1 2
	L-090	Parasite Sonicator	81.	1		1	2
	L-091	Magnetic Stirrer with Hot Plate	- -	3		1	1 1
	L-115	Stop Watch/ Clock		2		1	1
	L-132	Mantel Heater		2		1	1 1
	L-135	Electric Furnace		1		†	1
		Camera Set	<u>i</u>	1	 	1	1
	O-008	Educational TV and VCR Set	A 1	1 	ļ	T	1
	0-015	Desk Top Computer Set	A 1	1	<u> </u>	†	1
	0.016	Laser Printer	A 1	1		1.	1
	O-029	Magiboards	A 1	1 1		1	1
	O-034	Uninterrupted Power Supply (UPS)	A2	2		1	1 1
	O-035	Stabilizers	A8	4			1
	L-146	Glassware Set	A 1		!	-	1
	L-147	Equipment For Animal House Set		 	B 1	1 1	1 1

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ANNEX I-1

Equipment List for the Faculty of Medical Sciences

rig. Iten	0	Patholog	y Phase
o. No.	Description		´ `
		Rq. Pla	n
1 L-00	1 Teaching Microscope with 5 teaching attachment	81	1 1
2	CCTV System with 8 monitor, video camera, deck	A 1	
L-00	<u> </u>		1 2
3 L-00		A1	1 1
4 L-00		A3	3) 1
5 L-00	8 Inverted Tissue Culture Microscope	A 1	1 1
7 L-01	;	B 60,DF+4	0 1
8 L-01	1 Biological Microscope	DF-40	40 1
9 L-01	2 Stereoscopic Zoom Microscope	A 1	1 1
11 L-01	4 Single Beam, Visible Light Spectrophotometer	B 1	1 2
14	Autoanalyzer for Blood Metabolites	C1	<u> </u>
16	Automated Coulter Full Blood Analyzer	C 1	
17 L-01	7 Apparatus for Deionising Water	B 1	1 2
18 L-01	8 Electronic Precision balance (Readability 0.01g)	A 1	1j 1
19 L-01	9 Electronic Balance (Range 0.01mg-100mg)	A1	1 1
20 L-02	0	DF+1	· 1
21 L-02	1 [Ultralow Freezer (-80C)	C1	2
22 L-02	2 Chest Freezer (-80C)	A1	1 2
25 L-02	5 (Refrigerator (150L)	A 1	1 2
37 L-03	7 Incubator (150L)	A 1	1 2
42 L-04		C1	1 2
44 L-04		A 1	1 2
48 L-04		C1	1
49 L-04		C 1	1
50 L-04	<u>!</u>	A1	1 1
51 L-04	<u> </u>	A 1	1 1
56 L-05		A4	4 1
57 L-0		A2	2 1
60 L-0		A1 !	1: 1
61 L-0		A1	1 2
63 L-06		C 1	1 2
64 L-06		A1 !	11 2
67 L-06	'.	C 1	2
69 L-00		lA 1	2
L-0	<u></u>		1 1
71 L-0		A 1	1
79 L-0		A 1	1! 2
81 L-0		Bí	1 2
82 L-0		A 1	1 2
86 L-0		A 1	1: 1
88 L-0		A1 :	1. 2
91 L-0		A 2	2 2
92 L-0		A 1	1; 2
98 L-0		A 1	1 2
100 L-0		A 1	1 2
102 L-0		A 2 ·	2 1
110 L-0		A 2	2 1
127 L-0		A 2	2 1
129 L-0		C 1	. 2
130 L-1		,C 1	2

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ANNEX I-1 Equipment List for the Faculty of Medical Sciences

	ltem No.	Description	Pat	hology	Phase
····	no.		Rq.	Plan	
136	L-106	Automated Slide Stainer	A 1	1 1	J1
	L-107	Tissue-Tek Embedding Centre	A 1	 	
	L-108	Tissue Precessing Machine	A 1	· ! · · · · ·	1
	L-109	Paraffin Trowel	A 1	+ -	
	L-110	Shaker for Tissue Fixation	C 1	· j	1
	L-111	Paraffin Oven	A 1	<u> </u>	
	L-112	Slide Warmer	A 1	3	2
143		Microscopic Slide and Tissue Block Cabinet	C 1	<u> </u>	: :
144	L-113	Microtome with Knives Set	A2	2	1
145	L-114	Automatic Microtome Knife Sharpener	A 1	1	. 1
146	L-115	Stop Watch/ Clock	A4	4	. 1
147	L-116	Interval Timers	A 4	4	1
148		Slide Book	C 4	Ī	
149		Electronic Dry Housing for Microscopes	C 5	1	: -
	L-117	Digital Haemoglobinometer	B1	1	. 2
	L-118	Haematocrit Centrifuge	C 1	ĺ	1
		Angle Poised Lamp	C 2	1	1
	O-001	Camera Set		1	1
	O-003	Magnifying Glass with Handle (Hand Type)	A 4	1 4	1
		Educational TV and VCR Set	A 1	<u> </u>	- 1
		Overhead Projector	A 1	<u> </u>	1
1	O-011	Projector Screens	A 1	<u> </u>	1
	O-014	Laser Pointer	. A 1	! 1	
		Desk Top Computer Set	A 1	! 1	
		Laser Printer	A 1	1 1	
		Electronic Type Writer with Memory (English)	B 1	1 1	
	O-023	Slide Viewer	A 1	1 1	
	O-026	Paper Guillotine	A 1	<u> </u>	1
256		Paper Shredder	C 1		
	O-027 O-028	Epidiascope	B 1	1	
	O-028	Dictaphone and Recorders Magiboards	B 1	1 1	· · · · · ·
	O-029		A 3	3	
	O-032	Dehumidifier Polaroid camera	A 1	1 1	2
	L-141	Bone Marrow Trephine Biopsy Needles	A 3	1 3	
	L-142	Bone Marrow Aspiration Needles	A 3	1 3	
	O-034	Uninterrupted Power Supply (UPS)	A 2	; 2	
	O-035	iStabilizers	IA8	. 4	
	L-145	Blood Cell Counting Chamber (WBC,RBC) with counter	1	1 1	
	L-146	Glassware Set	A 1	- <u> </u>	
	M-059	· · · · · · · · · · · · · · · · · · ·	!A 1	- 	

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ANNEX I-1

Equipment List for the Faculty of Medical Sciences

rig.	ltem	Description	Microbio	ology	Phase
o.	No.		Rq.	Plan	
	1	ICCTV System with 8 monitor, video camera, deck	A 1	1 1011	
	L-003	CCTV System with 4 monitor, VCR		1	2
7	L-006	Research Microscope, trinocular with CCTV attachment	A 1	1	1
	L-007	Research Microscope(FL, Ph/C, Pol Atlach) with Photo system	A 2	1 2	
	L-008	Inverted Tissue Culture Microscope	A 4	4	L
	L-009	Inverted Tissue Coulture Research Microscope with CCVT adaptor	B 1	1	1
	L-010	Binocular Microscopes	B 15	15	1
	L-011	Biological Microscope	C 2	1	1 1
	L-014	Single Beam, Visible Light Spectrophotometer	B 1	1	2
	L-017	Apparatus for Deionising Water	B 1	2	2
	L-018	Electronic Precision balance (Readability 0.01g)	A 2	2	1
	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
	L-021	IUltralow Freezer (-80C)	A 1	1	2
	L-022	(Chest Freezer (-80C)	A 1,DF+1	1	2
		(Freezers (-30C)	A 1	1	2
	L-024	Refrigerator (Double Door)	A 1	1	2
	L-025	Refrigerator (150L)	A 1	1	2
	L-026	Spark Free Refrigerator (100L)	81	1	2
_	L-027	Bench Top Cooler upto 2.5C	82	2	2
	L-028	Bench Cooler upto -30C	B 2,DF-2	2	2
	L-030	Dewars for Specimen Storage in Liquid N2	B 3	3	2
	L-031	Liquid N2 Storage Vessels (on Stand with Castors)	B 2	2	2
	L-033	Liquid N2 Flasks	B 2	! 2	. 2
34		Manifolds for Flasks	C 1	1	
35	L-035	iVacuum Concentrator	B 1	1	2
	SL-036	Incubator (200L, Double Door)	A 2	2	2
	/L-037	Incubator (150L)	C 7,DF+4	T	2
	BL-038	Floor Standing Incubators (250L)	A 2,DF-2	2	2
	L-039	Cold Incubators (Temp -20C to 30C), 150L	A 1,DF+2	1	2
40		CO2 Incubator with, HEPA Filtration System	B2		1
4	IL-040	(CO2 Incubator (150L;5-50C)	A 1	3	2
		ISafety Cabinet, Class II	A 8	8	2
	L-043	Fume Hood(Draft chamber)	A 1	1	2
46		Micro-Ultracentrifuge, 120000 rpm	C 1	1	İ
	3 L-045	Centrifuge, Refrigerated	B 2	2	1
		Refrigerated Microfuge with Rotors	B 2	2	1
	L-047	Microfuge	A 1	1	1
	1 L-048	Centrifuge, Bench	A 3	3	
	2 L-049	Microtitre Plate Reader	A 1	1	2
5	3 L-050	:Automatic Microtitre Plate Washer	A 1	1	2
5	4 L-051	Microtitre Plate Shaker	A 1	1 1	2
5	5 L-052	Microtifre Plate Incubator	A 1		2
- 5	6 L-053	Automatic Pipettes Set	A 6	-	1
	7 L-054	Multi-channel Pipettes (8 channel) with Stand Set	A 4		1
	8 L-055	Automatic Volume Dispensers Set	A 2		
	0 L-057	:Test tube Mixers	A 5		1
	1 L-058	рН Melers	A 2		2 2
	2 L-059		84		2
	3 L-060	Shaking Water Bath	iA 2'		2 2
6	4 L-061	Water Bath 12-16L	A 5		ji 2
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		<u>-1)-</u>		י ו	

ANNEX 1-1

Equipment List for the Faculty of Medical Sciences

Depar	tment c	of Microbiology			.
Orig. No.	ltem No.	Description	Microbio	ology	Phase
			Rq.	Plan	
	L-062	Thermal Cycler	A 1	1	2
	L-063	UV Transilluminator with Photographic Attachment	8 1	1	2
	L-064	Electrophoresis Apparatus, Horizontat Gel Tank	82	2	2
	L-065	Mini Gel Apparatus with dryer and stainner	A 1	1	2
	L-066	Electrophoresis for Protein, Verticle Gel Apparatus	A 1	1	2
70		Sequencing apparatus with Power Pack (3000V)	IC 1		į.
		Transfer Apparatus for Gels	A 1	1	1
72	L-069	:Vacuum blotting Apparatus	A 1	; 1	2
73		X-ray Film Processor	C 1	1	
74		Dot-Blot Apparatus	C 1	i	!
75	L-070	Southern Blot Apparatus .	[A 1	1	2
76	L-071	Blotting Apparatus (large)	A 1	1	
77		Hybridization Oven with Shaking Platform and Rotteserie	C 1	1	-
78		Vacuum Oven with Vacuum Pump (30L)	C 1	į –	-
79	L-072	:Hot Air Oven (250L)	A 3,DF-2	3	2
80	L-073	Drying Oven (50L)(Ambient-150C)	C 1		1
81	L-074	Drying Cabinet for Glassware and Instruments	[A 1	1	2
82	L-075	Microwave Oven	A 2	2	
83	L-076	;Dry Block	A 2	2	2
86	L-078	Boiling Sterilizer (100C)	A 1	; 1	
87	L-079	Top Loading Autoclave	A 1,DF+2	1	<u> </u>
88	L-080	Front Loading Autoclave (50L)	'A 2	2	
	L-081	Hand Held Short Wave (254nm) UV Light	IA 1	1	
	L-083	Orbital Shakers (With Auto Veverse)	A 3	3	
	L-084	Rocking Platform with Base	A 2	2	
93		Autoradiography Exposure Cassettes	C 4	† = =	
	L-085	:Gel Drying Apparatus	[A 1	<u> </u>	2
	L-086	Reagent Grade Water System	B 1	1	
	L-087	Auto(Water) Still	IA 1	1	
	L-088	*Ultrasonic Pipette Washer	(A 1 ·	1	<u> </u>
99	4	Ultrasonic Cleaner	C 1	:	
	·	Washing Machine for Pipetles and Tubes with Brushes	A 1	• 1	2
	L-091	Magnetic Stirrer with Hot Plate	A 4	1 4	·
	L-093	Filter Assembly for Pure water	B 2	2	
	L-097	Dissecting Instrument Set	A 2	.2	
	L-098	X-ray Film Cabinet	<u>i </u>	1	·
	L-100	*X-ray Viewer (Illuminator) - Standard	A 1	1 1	
	L-102	:X-ray Accessories	A 4	1	, · ·
	L-103	:Cassette with intensifying screen	IA 3	3	
	L-104	X-ray Protection apron set		3	
135	L-105	Developing Tank	A 1	1 1	
_ 	L-112	Slide Warmer	A 4	4	
	L-115	Stop Walch/ Clock	A 2	2	
	L-116	Interval Timers	<u>A 2</u> A 4	<u>-</u> 4	
148	- 	Slide Book	C 1		
149		Electronic Dry Housing for Microscopes	C 5		:
	iL-138	Cotony Counter		<u> </u>	
	M-043	Angle Poised Lamp	C 2	_ 	2
	0-001	Camera Set		1	·
	0-003	Magnifying Glass with Handle (Hand Type)	- 1		
L		magnifying aloos mai Hanale (Hana Type)	, A 2	: 2	1 1

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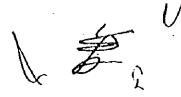
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ANNEX I-1 Equipment List for the Faculty of Medical Sciences

Orig. No.	ltem No.	Description	Micro	biology	Phase
	<u></u>		Rq.	Plan	[
237	O-008	Educational TV and VCR Set	A 1		1
238	O-009	Slide Projector	A 1	j	1
239	O-010	Overhead Projector	A 1		1
240	0-011	Projector Screens	A 1		1 1
243	0-014	Laser Pointer	A 2	! 2	1
244	0-015	Desk Top Computer Set	<u>ja 1</u>	<u>j 1</u>	1
245	0-016	Laser Printer	!A 1	1	1
250	0-022	Electronic Type Writer with Memory (English)	įB 1	1	1
251	O-023	Slide Viewer	[A 1	<u> </u>	1
255	0-026	Paper Guillotine	[B 1	!1	<u> </u>
257	O-027	!Epidiascope	B 1	<u>-</u>	1
259	O-029	Magiboards	jA 3	1 3	<u> </u>
262	IO-032	Dehumidifier	iA 2		1
266	O-034	!Uninterrupted Power Supply (UPS)	A 2	2	
267	O-035	Stabilizers	!A 8	8	1
268	1	:Automated, Electronic Colony Counter	A 1	1	1
269	L-143	Rotary Innoculator	lA 1	1	2
271	L-144	Fully Automatic, Computer Blood Cullture	IB 1		2
273	L-146	!Glassware Set	!A 1	į 1	1

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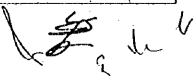


ANNEX I-1

Equipment List for the Faculty of Medical Sciences

No. No. Description Rq.	1 1 1 1 2 2 2 1 1	1 2 1 1 1 1 1 1 2 2 2 2
CCTV System with 8 monitor, video camera, deck	1 1 1 1 1 2 2 2 1 1	2 1 1 1 1 0 1 1 2 1 1 2 1 1 2 1 1 1 1 1 2 2
L-002 CCTV System with 3 monitor, VCR	1 1 1 1 2 2 2 1 1	2 1 1 1 1 0 1 1 2 1 1 2 1 1 2 1 1 1 1 1 2 2
A L-007 Research Microscope (FL, Ph/C, Pol Attach) with Photo system A 2 5 L-008 Inverted Tissue Culture Microscope A 1 7 L-010 Binocular Microscopes B 11 Ricological Microscopes B 14 Ricological Microscope C 4 Stereoscopic Zoom Microscope C 4 Stereoscopic Zoom Microscope A 2 A 2 A 2 A 4	1 1 1 1 2 2 2 1 1	2 1 1 1 1 0 1 1 2 1 1 2 1 1 2 1 1 1 1 1 2 2
5 L-008 Inverted Tissue Culture Microscope	10 10 10 11 11 11 11 12 2 2 2 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 2 2
7 L-010 Binocular Microscope C 4 8 L-011 Biological Microscope C 4 9 L-012 Stereoscopic Zoom Microscope A 2 16 Automated Coulter Full Blood Analyzer C 1 17 L-017 Apparatus for Delonising Water B 1 18 L-018 Electronic Precision balance (Readability 0.01g) A 1 19 L-019 Electronic Balance (Range 0.01mg-100mg) A 1 22 L-022 Chest Freezer (-80C) A 1 23 L-023 Freezers (-30C) A 2 24 L-024 Refrigerator (Double Door) A 2 25 L-025 Refrigerator (150L) A 1 30 L-030 Dewars for Specimen Storage in Liquid N2 B 2 31 L-031 Liquid N2 Storage Vessels (on Stand with Castors) B 2 32 L-033 Liquid N2 Flasks B 3 37 L-037 Incubator (150L) A 1 41 L-040 CO2 Incubator (150L) A 1 41 L-040 CO2 Incubator (150L) A 1 42 L-041 Safety Cabinet, Class II C1 44 L-043 Fume H	0 10 2 1 1 1 1 2 2	0 1 1 2 1 2 1 1 1 1 1 1 2 2 2 2 2
8 L-011 Biological Microscope C 4 9 L-012 Stereoscopic Zoom Microscope A 2 16 Automated Coulter Full Blood Analyzer C 1 17 L-017 Apparatus for Deionising Water B 1 18 L-018 Electronic Precision balance (Readability 0.01g) A 1 19 L-019 Electronic Balance (Range 0.01mg-100mg) A 1 22 L-022 Chest Freezer (-80C) A 1 23 L-023 Freezers (-30C) A 2 24 L-024 Refrigerator (Double Door) A 2 25 L-025 Refrigerator (150L) A 1 30 L-030 Dewars for Specimen Storage in Liquid N2 B 2 31 L-031 Liquid N2 Storage Vessels (on Stand with Castors) B 2 32 L-033 Liquid N2 Flasks B 3 37 L-037 Incubator (150L) A 1 38 L-038 Floor Standing Incubators (250L) B 1 41 L-040 CO2 Incubator (150L)-5-50C) A 1 42 L-041 Safety Cabinet, Class II C 1 44 L-043 Fume Hood(Draft chamber) A 1 48 L-045 Centrifuge, Refrigerated C 1 49 L-046 Refrigerated Microfuge with Rotors C 1 50 L	1 1 1 2 2 2 1 1	1 2 1 1 1 1 1 1 2 2 2 2
9 L-012 Stereoscopic Zoom Microscope A 2	1 1 1 1 2 2 2 1 1	2 1 1 1 1 1 1 2 2 2 2
16	1 1 1 2 2 2 1 1	1 2 1 1 1 1 1 2 2 2
17 L-017 Apparatus for Delonising Water B 1 18 L-018 Electronic Precision balance (Readability 0.01g)	1 1 2 2 1	1 1 1 1 1 2 2 2
18 L-018 Electronic Precision balance (Readability 0.01g)	1 1 2 2 1	1 1 1 1 1 2 2 2
19 L-019 Electronic Balance (Range 0.01mg-100mg)	1 2 2	1 1 1 2 2 2
22!L-022 Chest Freezer (-80C) A 1 23,L-023 Freezers (-30C) A 2 24 L-024 Refrigerator (Double Door) A 2 25 L-025 Refrigerator (150L) A 1 30:L-030 Dewars for Specimen Storage in Liquid N2 B 2 31 L-031 Liquid N2 Storage Vessels (on Stand with Castors) B 2 32:L-033 Liquid N2 Flasks B 3 37:L-037 Incubator (150L) A 1 38:L-038 Floor Standing Incubators (250L) B 1 41:L-040 CO2 Incubator (150L;5-50C) A 1 42:L-041 Safety Cabinet, Class II C1, 44;L-043 Fume Hood(Draft chamber) A 1 48;L-045 Centrifuge, Refrigerated C 1 49:L-046 Refrigerated Microfuge with Rotors C 1 50:L-047 Microfuge A 1 51:L-048 Centrifuge, Bench A 1 52:L-049 Microfitre Plate Reader A 1 53:L-050 Automatic Microtitre Plate Washer A 1 54:L-051 Microtitre Plate Shaker A 1 56:L-053 Automatic Pipettes Set A 3 57:L-054 Multi-channel Pipettes (8 channel) with Stand Set A 2	2 2	2 2
23,L-023 Freezers (-30C) A 2 24[L-024 Refrigerator (Double Door) A 2 25[L-025 Refrigerator (150L) A 1 30;L-030 Dewars for Specimen Storage in Liquid N2 B 2 31;L-031 Liquid N2 Storage Vessels (on Stand with Castors) B 2 32;L-033 Liquid N2 Flasks B 3 37;L-037 Incubator (150L) A 1 38;L-038 Floor Standing Incubators (250L) B 1 41;L-040 ICO2 Incubator (150L;5-50C) A 1 42;L-041 ISafety Cabinet, Class II C1, 44;L-043 Frume Hood(Draft chamber) A 1 48;L-045 ICentrifuge, Refrigerated C 1 49;L-046 Refrigerated Microfuge with Rotors C 1 50;L-047 IMicrofuge A 1 51;L-048 Centrifuge, Bench A 1 52;L-049 IMicrofitre Plate Reader A 1 53;L-050 Automatic Microfitre Plate Washer A 1 54;L-051 Microfitre Plate Shaker A 1 56;L-053 Automatic Pipettes Set A 3 57;L-054 Multi-channel Pipettes (8 chann	2 2	2 2
24 L-024 Refrigerator (Double Door) A 2 25 L-025 Refrigerator (150L) A 1 30 L-030 Dewars for Specimen Storage in Liquid N2 B 2 31 L-031 Liquid N2 Storage Vessels (on Stand with Castors) B 2 32 L-033 Liquid N2 Flasks B 3 37 L-037 Incubator (150L) A 1 38 L-038 Floor Standing Incubators (250L) B 1 41 L-040 CO2 Incubator (150L;5-50C) A 1 42 L-041 Isafety Cabinet, Class II C1, 44 L-043 Fume Hood(Draft chamber) A 1 48 L-045 Centrifuge, Refrigerated C 1 49 L-046 Refrigerated Microfuge with Rotors C 1 50 L-047 Microfuge A 1 51 L-048 Centrifuge, Bench A 1 52 L-049 Incrotitre Plate Reader A 1 53 L-050 Automatic Microtitre Plate Washer A 1 54 L-051 Microtitre Plate Shaker A 1 56 L-053 Automatic Pipettes Set A 3 57 L-054 Multi-channel Pipettes (8 channel) with Stand Set A 2	1	
25 L-025 Refrigerator (150L)	1	
30 L-030 Dewars for Specimen Storage in Liquid N2 31 L-031 Liquid N2 Storage Vessels (on Stand with Castors) B 2 32 L-033 Liquid N2 Flasks B 3 37 L-037 Incubator (150L) A 1 38 L-038 Floor Standing Incubators (250L) B 1 41 L-040		2 2
31 j.L-031 Liquid N2 Storage Vessels (on Stand with Castors) B 2 32 L-033 Liquid N2 Flasks B 3 37 L-037 Incubator (150L) A 1 38 L-038 Floor Standing Incubators (250L) B 1 41 L-040 iCO2 Incubator (150L;5-50C) A 1 42 L-041 iSafety Cabinet, Class II C1, 44 L-043 iFume Hood(Draft chamber) A 1 48 L-045 iCentrifuge, Refrigerated C 1 49 L-046 Refrigerated Microfuge with Rotors IC 1 50 L-047 Microfuge A 1 51 L-048 Centrifuge, Bench A 1 52 L-049 IMicrofutre Plate Reader A 1 53 L-050 Automatic Microfitre Plate Washer A 1 54 L-051 Microfitre Plate Shaker A 1 56 L-053 Automatic Pipettes Set A 3 57 IL-054 Multi-channel Pipettes (8 channel) with Stand Set A 2	4	1 2
32 L-033 Liquid N2 Flasks B 3 37 L-037 Incubator (150L) A 1 38 L-038 Floor Standing Incubators (250L) B 1 41 L-040 ICO2 Incubator (150L;5-50C) A 1 42 L-041 ISafety Cabinet, Class II C1, 44 L-043 Fume Hood(Draft chamber) A 1 48 L-045 ICentrifuge, Refrigerated C 1 49 L-046 IRefrigerated Microfuge with Rotors IC 1 50 L-047 Microfuge A 1 51 L-048 Centrifuge, Bench A 1 52 L-049 IMicrotitre Plate Reader A 1 53 L-050 Automatic Microtitre Plate Washer A 1 54 L-051 Microtitre Plate Shaker A 1 56 L-053 Automatic Pipettes Set A 3 57 L-054 Multi-channel Pipettes (8 channel) with Stand Set A 2	, ,	1 2
37 1-037 Incubator (150L)	2	2 2
38 L-038 Floor Standing Incubators (250L) B 1 41 L-040 CO2 Incubator (150L;5-50C) A 1 42 i L-041 ISafety Cabinet, Class II C1, 44 i L-043 Fume Hood(Draft chamber) A 1 48 i L-045 ICentrifuge, Refrigerated C 1 49 i L-046 Refrigerated Microfuge with Rotors C 1 50 i L-047 Microfuge A 1 51 i L-048 Centrifuge, Bench A 1 52 i L-049 Microfitre Plate Reader A 1 53 i L-050 Automatic Microfitre Plate Washer A 1 54 i L-051 Microfitre Plate Shaker A 1 56 i L-053 Automatic Pipettes Set A 3 57 i L-054 Multi-channel Pipettes (8 channel) with Stand Set A 2	1	1 2
38 L-038 Floor Standing Incubators (250L) B 1 41 L-040 [CO2 Incubator (150L;5-50C) A 1 42 L-041 ISafety Cabinet, Class II C1, 44;L-043 (Fume Hood(Draft chamber) A 1 48;L-045 (Centrifuge, Refrigerated) C 1 49;L-046 (Refrigerated Microfuge with Rotors) C 1 50;L-047 (Microfuge) A 1 51;L-048 (Centrifuge, Bench) A 1 52;L-049 (Microtitre Plate Reader) A 1 53;L-050 (Automatic Microtitre Plate Washer) A 1 54;L-051 (Microtitre Plate Shaker) A 1 56;L-053 (Automatic Pipettes Set) A 3 57;L-054 (Multi-channel Pipettes (8 channel) with Stand Set) A 2		1 2
41:L-040 CO2 Incubator (150L;5-50C) A 1 42:L-041 Safety Cabinet, Class II C1, 44:L-043 Fume Hood(Draft chamber) A 1 48:L-045 Centrifuge, Refrigerated C 1 49:L-046 Refrigerated Microfuge with Rotors C 1 50:L-047 Microfuge A 1 51:L-048 Centrifuge, Bench A 1 52:L-049 Microfitre Plate Reader A 1 53:L-050 Automatic Microfitre Plate Washer A 1 54:L-051 Microfitre Plate Shaker A 1 56:L-053 Automatic Pipettes Set A 3 57:L-054 Multi-channel Pipettes (8 channel) with Stand Set A 2	1	1 2
42iL-041 iSafety Cabinet, Class II C1, 44iL-043 iFume Hood(Draft chamber) A 1 48iL-045 iCentrifuge, Refrigerated C 1 49iL-046 [Refrigerated Microfuge with Rotors IC 1 50iL-047 iMicrofuge A 1 51iL-048 Centrifuge, Bench A 1 52iL-049 IMicrotitre Plate Reader A 1 53iL-050 [Automatic Microtitre Plate Washer A 1 54iL-051 [Microtitre Plate Shaker A 1 56iL-053 [Automatic Pipettes Set] A 3 57iL-054 [Multi-channel Pipettes (8 channel) with Stand Set] A 2		1 2
44; L-043 Fume Hood(Draft chamber) A 1 48; L-045 I Centrifuge, Refrigerated C 1 49; L-046 Refrigerated Microfuge with Rotors IC 1 50; L-047 I Microfuge A 1 51; L-048 Centrifuge, Bench IA 1 52; L-049 I Microtitre Plate Reader A 1 53; L-050 Automatic Microtitre Plate Washer A 1 54; L-051 I Microtitre Plate Shaker A 1 56; L-053 I Automatic Pipettes Set IA 3 57; L-054 Multi-channel Pipettes (8 channel) with Stand Set IA 2	DF+1	2
48,L-045 ICentrifuge, Refrigerated C 1 49:L-046 [Refrigerated Microfuge with Rotors] C 1 50:L-047 [Microfuge] A 1 51:L-048 [Centrifuge, Bench] A 1 52:L-049 [Microtitre Plate Reader] A 1 53:L-050 [Automatic Microtitre Plate Washer] A 1 54:L-051 [Microtitre Plate Shaker] A 1 56:L-053 [Automatic Pipettes Set] A 3 57:L-054 [Multi-channel Pipettes (8 channel) with Stand Set] A 2	1	1 2
49:L-046 [Refrigerated Microfuge with Rotors IC 1 50:L-047 [Microfuge] A 1 51:L-048 [Centrifuge, Bench] A 1 52:L-049 [Microtitre Plate Reader] A 1 53:L-050 [Automatic Microtitre Plate Washer] A 1 54:L-051 [Microtitre Plate Shaker] A 1 56:L-053 [Automatic Pipettes Set] [A 3 57:L-054 [Multi-channel Pipettes (8 channel) with Stand Set] IA 2		1
50.L-047 Microfuge A 1 51.L-048 Centrifuge, Bench A 1 52.L-049 IMicrotitre Plate Reader A 1 53.L-050 Automatic Microtitre Plate Washer A 1 54.L-051 Microtitre Plate Shaker A 1 56.L-053 Automatic Pipettes Set A 3 57.L-054 Multi-channel Pipettes (8 channel) with Stand Set IA 2		1
51 L-048Centrifuge, BenchA 152 L-049IMicrotitre Plate ReaderA 153 L-050Automatic Microtitre Plate WasherA 154 L-051IMicrotitre Plate ShakerA 156 L-053Automatic Pipettes SetA 357 L-054Multi-channel Pipettes (8 channel) with Stand SetIA 2	1	1 1
52 L-049 IMicrotitre Plate Reader A 1 53 L-050 Automatic Microtitre Plate Washer A 1 54 L-051 IMicrotitre Plate Shaker A 1 56 L-053 Automatic Pipettes Set A 3 57 IL-054 Multi-channel Pipettes (8 channel) with Stand Set IA 2		1 1
54 L-051Microtitre Plate ShakerA 156 L-053Automatic Pipettes SetA 357 L-054Multi-channel Pipettes (8 channel) with Stand SetIA 2		1 2
54 L-051Microtitre Plate ShakerA 156 L-053Automatic Pipettes SetA 357 L-054Multi-channel Pipettes (8 channel) with Stand SetIA 2		1 2
56 L-053 Automatic Pipettes Set 57 L-054 Multi-channel Pipettes (8 channel) with Stand Set A 3		1 2
57/L-054 Multi-channel Pipettes (8 channel) with Stand Set IA 2		3! 1
<u>, , ,, </u>		2 1
OU-L-OUT TESTIQUE IVILLES IA 1		1 1
61:L-058 pH Meters A 1		1 2
62:L-059 !Hand held pH Meters A 1		1 2
63,L-060 Shaking Water Bath C 1		2
64:L-061 Water Bath 12-16L A 1		1 2
69 L-066 Electrophoresis for Protein, Verticle Gel Apparatus B 1	<u> </u>	1 2
<u></u>		1 1
76 L-071 Blotting Apparatus (large) B 1		1 2
79 L-072 Hot Air Oven (250L) A 1		1 2
80.L-073 Drying Oven (50L)(Ambient-150C) C 1		- 1
81 L-074 Drying Cabinet for Glassware and Instruments 8 1	-	1! 2
82 L-075 Microwave Oven A 1		1. 2
86 L-078 Boiling Sterilizer (100C) A 1		1. 1
87 L-079 Top Loading Autoclave A 1	_ 	1; 1
88 L-080 Front Loading Autoclave (50L)	·······	11 2
90 L-082 UV-Rays Lamp B 1		1i 1
95 L-085 Gel Drying Apparatus A 1		1, 2

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ANNEX I-1
Equipment List for the Faculty of Medical Sciences

Depar	tment d	of Parasitology			
Órig. No.	ltem No.	Description	Para	sitológy	Phase
	 	·	Rq.	Plan	
98	L-088	Ultrasonic Pipette Washer	A 1	1	2
100	L-089	Washing Machine for Pipettes and Tubes with Brushes	A 1	1	2
101	L-090	Parasite Sonicator	B 1	1	2
102	L-091	Magnetic Stirrer with Hot Plate	A 2	2	1
104	L-093	Filter Assembly for Pure water	B 1		! 2
146	L-115	Stop Watch/ Clock	A 2	2	1
147	L-116	Interval Timers	A2	2	i 1
149	1	Electronic Dry Housing for Microscopes	C 5		•
230	O-001	Camera Set		j 1	1
232	!O-003	Magnifying Glass with Handle (Hand Type)	A 4	4	1
237	:O-008	'Educational TV and VCR Set	A 1	1	. 1
239	O-010	Overhead Projector	A 1	``	: 1
240	O-011	!Projector Screens	A 1		. 1
243	O-014	Laser Pointer	IA2	2	
244	O-015	Desk Top Computer Set	A 1	1	: 1
245	0-016	Laser Printer	A 1		1
250	O-022	Electronic Type Writer with Memory (English)	B 1	j 1	1 1
251	O-023	Slide Viewer	A 1	1 1	: 1
257	':O-027	Epidiascope	!B 1	1	. 1
259	0.029	Magiboards	A 3	1 3	1
	0-032	Dehumidifier	A 2	l 2	1
263	O-033	Polaroid camera	B 1	1	. 2
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	······································	A 8	. 4	1
273	3 L-146	Glassware Set	A 1	1 1	1

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ANNEX I-1 Equipment List for the Faculty of Medical Sciences

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Orig. No.	ltem No.	Description	Student lab		Phase
			Rq.	Plan	1
2,		CCTV System with 8 monitor, video camera, deck	A 1	1	
	L-004	CCTV System with 5 monitor, VCR		1 1	2
;	3 L-006	Research Microscope, trinocular with CCTV attachment	A 1	[1	1
	7 L-010	Binocular Microscopes	A 60	30	1
25	9 O-029	Magiboards	A 1	! 1	1
26	2;O-032	Dehumidifier		1	1
26	6 O-034	Uninterrupted Power Supply (UPS)	A 2	1 2	1
26	7 O-035	Stabilizers	A 2	2	1 1
273	3 L-146	Glassware Set	A 1	! 1	1





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ANNEX I-1

Equipment List for the Faculty of Medical Sciences

rio. Item		Pham	nacology	Phace
rig. Item o. No.	Description	Pharmacology Phas		
		Rq.	Plan	
7 L-01	D Binocular Microscopes	A 1	1	! 1
17 L-01		A 1	! 1	1 2
18 L-01	8 Electronic Precision balance (Readability 0.01g)	A 1	[1	! 1
19 L-01		A 1	1	1 1
21 L-02		B 1	1	<u> </u>
30 L-03		B 1		1 2
31 L-03	<u></u>	B 1	1	2
L-03			1	2
32 L-03		81	-i	2
35 L-03		C 1	<u> </u>	2
37 L-03		A 1	1	. 2
43 L-04		C 1	- : -	: 1
44 L-04		j		: 2
47	Centrifuge, Cold, High Speed	C 1	!	;
56 L-05		A 1	, 1	1
57 L-05		A 1		1
60 L-05		A 1	1	1
61 L-05		A 3	1 3	3. 2
62 L-05		A 1		; 2
64 L-06		A 2	1 2	2: 2
78	Vacuum Oven with Vacuum Pump (30L)	C 1	1	•
79 L-07		A 1	1 1	2
80 L-07		A 1	; 1	1
81 L-07		A 1	1 1	2
83 L-07		C 1	<u> </u>	2
86 L-07		A 1	j 1	1
87 L-07	· · · · · · · · · · · · · · · · · · ·	A 1		: 1
90 L-08		B 1	1	ii 1
91 L-08		A 1	1 2	2: 2
97 L-08		A 1	1 1	1 2
98 L-08		A 1		2
99	Ultrasonic Cleaner	C1		-
102 L-09		A 3	3	3: 1
103 L-09		A 4	- :	1: 1
104 L-09		C 1		2
	02 ECG Machine, 3CH	IC 1	:	. 1
108	Cardiac Bedside Monitor	C 1		:
109	Treatment Carriage	C 3		:
110 L-09		A 10	10) 1
113	;Solvent System	C 1		
174 L-11		A 1	. 1	1 1
175 L-12		A 1		1 1
176 L-12		A 1		1 1
177 L-12		A 1	1	1 1
178 L-12		A 1	1	1 1
179 L-12		A 1		1 1
180 L-12		A 1		1 1
181 L-12		[A 1		1 1
182-L-1		A 1		1 1
183.L-1		A 1		1 1

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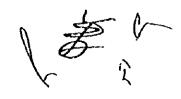
ANNEX I-1

Equipment List for the Faculty of Medical Sciences

Depar	tment o	of Pharmacology			
Orig. Item No. No.		Description	Pharmacol		Phase
			Rq.	Plan	
184	L-129	Oil Bath	A 1	1	1
185:L-130		Trough	[A 1	1	i
186	L-131	Shaker for Separating Funnel	A 1	1	1
187	<u>'</u>	Shaker	A 1	T	
188	L-132	:Mantel Heater	A 1	j 1	1
189	:L-133	Aspirator	A 1	1	1
190	L-134	Volt Slider	A 1	1	1
191	•	Draft Chamber	B 1		
192	L-135	.Electric Furnace	A 1	1	1
193	L-136	Polarimeter	A 1	1	1
194	L-137	Refractometer	A 1	1	1
195		Air Compressors	C 2	1	
196	L-138	Colony Counter	A 1	1	2
197	L-139	Thermal Hygrograph, With Recorder	A 1	1	1
198		Planetary Mixer - Pilot Scale Capacity 5kg	A 1	1	ļ
199		Oscillating Granulator - Pilot Scale Capacity 5kg	A 1		i
200		Drum Mixture - Pilot Scale Capacity 10L: -	A 1	1	i
201		Tray Drying Oven - Pilot Scale Capacity 5kg	A 1		
202	-	Tableting Machine	A 1		
203	<u> </u>	Punches for Tabletting Machine 10mm Flat/Beveled/Brakeline	A 1	Ī	
204		Punches for Tabletting Machine 6mm Double Concave	A 1		<u> </u>
205	:	Coating Pan - Sugar - Pilot Scale Capacity 5kg	[A 1		
206	-	Capsule filling Machine - Manual 100 Caps per Fill	A 1	1	Ī
207		Volt Slider	C	i	!
208	L-140	Viscometer	;A 1	1	1
230	O-001	Camera Set		1	1
244	O-015	Desk Top Computer Set	- IA 1	1	1
245	.O-016	Laser Printer	A 1	1	1
259	·O-029	Magiboards	A 1	1	1
262	O-032	Dehumidifier	A 1	1	<u> </u>
266	O-034	:Uninterrupted Power Supply (UPS)	A 2	2	1 1
267	O-035	Stabilizers	A 8	4	1
273	L-146	Glassware Set	. A 1	1	<u></u>

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ANNEX 1-1

Equipment List for the Faculty of Medical Sciences

	11	T	<u> </u>	L	101
۰ ۱	ltem No.	Description	Fore	ensic	Phase
			Rq.	Plan	1
1	L-001	Teaching Microscope with 5 teaching attachment	B 1	 	1
2:		CCTV System with 8 monitor, video camera, deck	iA 1		†
	L-003	ICCTV System with 4 monitor, VCR	;	1	2
3	L-006	Research Microscope, trinocular with CCTV attachment	. !	1	1 1
7:	L-010	Binocular Microscopes	A 4	4	1
9	L-012	Stereoscopic Zoom Microscope	A 1	1	1 1
20:	L-020	Cryostat with Knife	.B 1	1	i 1
23.	L-023	Freezers (-30C)	;A 1	1	1 2
	L-025	Refrigerator (150L)	A 2	7	2 2
	L-037	Incubator (150L)	B 1		1 2
	L-041	Safety Cabinet, Class II	;C 1	<u> </u>	2
	L-048	Centrifuge, Bench	A 1	 	11 1
	L-053	Automatic Pipettes Set			11 1
	L-055	Automatic Volume Dispensers Set	A 1	<u> </u>	1 1
	L-057	Test tube Mixers	A 1		1 1
	L-058	pH Meters	A 1		1 2
	L-059	Hand held pH Meters	A 1	ļ	1 2
	L-061	:Water Bath 12-16L	A 1		1 2
	L-072	Hot Air Oven (250L)	;A 1	!	1 2
	L-073	:Drying Oven (50L)(Ambient-150C)	:A1		1 1
	L-074	:Drying Gabinet for Glassware and Instruments	A 1	-	1, 2
	L-077	Hot Plate	A 1		<u> </u>
	L-078	Boiling Sterilizer (100C)	A 1		1 1
	L-079	:Top Loading Autoclave	A 1		1 1
	L-087	Auto(Water) Still	A 1		1: 2
	L-091	Magnetic Stirrer with Hot Plate	A 1		1 1
	L-092	Vacuum Pump	B 1	 	1 1
	L-097	Dissecting Instrument Set	A 4		4 1
	L-099	X-ray Viewer (Large)	A 1		1 2
	L-108	Tissue Precessing Machine	A 1		1 1
	L-109	Paraffin Trowel	A1		1 1
	L-110	Shaker for Tissue Fixation	'A 1		1 1
	L-111	Paraffin Oven	!A 1	.	1: 1
143		Microscopic Slide and Tissue Block Cabinet	<u>C1</u>		
	L-113	Microtome with Knives Set		{ ;	2 1
		Automatic Microtome Knife Sharpener	A 1		1 1
	L-114				4 1
	L-115	Stop Watch/ Clock	A 2	·	2. 1
	L-116	Interval Timers	C 2	i - '	1
	M-043			<u>:</u>	<u> </u>
	O-001		A 4		4 1
	O-003		A 1	i	1
	O-008		A 1	<u>i</u>	<u>'</u>
	O-009 O-010		A1	:	<u>1</u>
	O-010		A1	' -	1
			A 1	! -	1 1
	0-015	<u> </u>			<u> </u>
	0-016		A 1		
	0-022		B1		1 1
251	O-023	Slide Viewer	⁻ A 1	•	<u> 1 1 </u>

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Depar	tment c	of Forensic Medicine		
Orig. No.	item No.	Description	Forensic	Phase
			- Rq. Plan	
257	O-027	¡Epidiascope	A1	1 1
259	O-029	Magiboards	A1 .	1: 1
262	O-032	(Dehumidifier	[A 1]	1 1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2: 1
267	O-035	Stabilizers	(A 4	4 1
273	L-146	Glassware Set	A 1	1; 1

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ANNEX 1-1

Equipment List for the Faculty of Medical Sciences

Depai	rtment c	of Medicine		
Orig. No.	ltem No.	Description	Medicine	Phas
			Rq. Pla	n
7	L-010	Binocular Microscopes	A 1	1 1
18	L-018	Electronic Precision balance (Readability 0.01g)	A 1	1 1
19	L-019	Electronic Balance (Range 0.01mg-100mg)	B 1	1 1
25	L-025	;Refrigerator (150L)	A 1	1 2
37	L-037	Incubator (150L)	B 1	1 2
41	L-040	ICO2 Incubator (150L;5-50C)	B 1	1 2
	L-041	iSafety Cabinet, Class II	C 1	2
	L-045	Centrifuge, Refrigerated	IC 1	1
	L-047	jMicrofuge	C 1	1 1
	!L-048	iCentrifuge, Bench	A 1	1 1
	L-053	Automatic Pipettes Set	A 1	1 1
	L-056	Dilutors	C 1	2
	:L-058	pH Meters	<u>iA 1</u>	1 2
	L-061	:Water Bath 12-16L	<u> </u>	11 2
		Hot Air Oven (250L)	A 1	1; 2
	L-074	Drying Cabinet for Glassware and Instruments	B 1	1 2
	L-077	Hot Plate	A 1	1: 1
	L-083	Orbital Shakers (With Auto Veverse)	A 1	1 2
		Portable Echocardiograph	'A 1	1 1
		ECG Machine, 3CH	.B 1	1: 1
		Electroencephalogram Electroneurogram with Visual Evoked Potentials and EMG	B1	1; 1
		Automated Spirometer	; B I	
	M-010	Treadmill for Exercise Testing		1: 1
) L-100	X-ray Viewer (Illuminator) - Standard	· · · · · · · · · · · · · · · · · · ·	2: 2
	i L-115	Stop Watch/ Clock	A 1	21 1
	3 M-014	Silicon Resuscitation Bags		2: 1
	M-014	Length Scale	· · · · · · · · · · · · · · · · · · ·	2, 1
	M-015	Instrument Tray Table with Castors		2 1
	M-013	Examination Table		2 1
	M-019	Electronic Weighing Scale		2 1
	1·M-021	Diagnostic Sets (Auroscope & Ophthalmoscope)	· · · · · · · · · · · · · · · · · · ·	2: 1
		Ophthalmoscope		2 1
		:Defibritator with monitor	iA 1	1: 1
21		Portable Vitalograph Machine	A 1	-
		Pulse Oximeter	[A 1	11 1
		Infusion Pump	A 3	3: 1
214	4	Oesophageal pH Monitor	.C 1	·
215	5 M-038	Patient monitor(ECG and BP)	A 1	2: 1
210		Weighing Machines	A 1	
	7 M-039			2 1
	0 M-042			1 1
	1 M-043			2 1
		Suction unit		2 1
	6 M-047			2 1
	0 0-001	Camera Set		1 1
	7 0-008	<u> </u>	<u>A 1</u>	- 1
		Overhead Projector	A 1	1
24	0 O-011	Projector Screens Desk Top Computer Set	<u>A 1</u> A 1	<u>_1</u>

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Depa	Department of Medicine			İ	
Orig. No.	Item No.	L Description	Medicin		Phase
			Rq.	Plan	
24	5 O-016	Laser Printer	A 1	1	1
25	0 O-022	Electronic Type Writer with Memory (English)	B 1	1	! 1
25	B;O-028	Dictaphone and Recorders	B 1	1 1	1
259	9:O-029	iMagiboards	A 1	1	1 1
26	2:O-032	Dehumidifier	A 1	1 1	1
266	6-O-034	Uninterrupted Power Supply (UPS)	A2	2	1
26	7 0-035	Stabilizers	A2	i 4	1
273	3.L-146	Glassware Set	A 1	1	1
29	5 M-063	Diagnostic set for Medicine	A 1	i 1	1





vpu.	ment o	f Surgery			
rig. o.	item No.	Description	Su	rgery	Phase
	1	·	Rq.	Plan	1
7	L-010	Binocular Microscopes	A 1	1	1
	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1	1
	L-025	Refrigerator (150L)	A 1	1	2
	L-037	Incubator (150L)	81	1	
	L-040	CO2 Incubator (150L;5-50C)	8 1	1	i
	L-041	Safety Cabinet, Class II	C 1		2
	L-045	Centrifuge, Refrigerated	C1	i	
	L-047	Microfuge	C 1	ĺ	1
	L-048	Centrifuge, Bench	IA 1	<u> </u>	 _
	L-053	Automatic Pipettes Set	A1	<u> </u>	. 1
	L-056	Dilutors	C1	 	2
	L-058	pH Meters	A 1	1	i
	I-038	Water Bath 12-16L	A1	1	1
		Hot Air Oven (250L)	A 1	1 1	
	L-074	Drying Cabinet for Glassware and Instruments	B 1	· 1	<u> </u>
		Hot Plate	A 1	1-1	
		Orbital Shakers (With Auto Veverse)	A 1		2
		X-ray Viewer (Illuminator) - Standard		2	·
	5.L-115	Stop Watch/ Clock	A 1	2	_==
		Silicon Resuscitation Bags			1
		Length Scale	<u> </u>		1
		Instrument Tray Table with Castors	·	- 2	
		Examination Table	<u> </u>	2	
					1
		Electronic Weighing Scale iDiagnostic Sets (Auroscope & Ophthalmoscope)	`		1
			<u>!</u>	: 2	
		Ophthalmoscope			1
		:Defibrilator with monitor	<u>-</u>		1
		*Infusion Pump		_ -	
		Patient monitor(ECG and BP)	,	_=	
		Examination Bed For Gynecology	· · · · · · · · · · · · · · · · · · ·		1 1
		Surgical Bed for Minor Surgery, Manual	<u>;</u>		
		!Hand Lamp			1
		Angle Poised Lamp			1
		Suction unit			1
		Electric Cautery For Skin			1
		Camera Set			1
		Educational TV and VCR Set	A 1	<u> </u>	1 1
239	9 O-010	Overhead Projector	A 1	!	1 1
		Projector Screens	!A 1	<u> </u>	<u> 1</u>
		Desk Top Computer Set	A 1		<u>i: 1</u>
		Laser Printer	A 1		1 1
		Electronic Type Writer with Memory (English)	B 1		1 1
		:Dictaphone and Recorders	B 1		1! 1
		Magiboards	<u>A 1</u>		1! 1
		Uninterrupted Power Supply (UPS)	A 2		2 1
		Stabilizers	A 2		4! 1
-27	3 L-146	Glassware Set	A 1	•	1: 1 1: 1

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Equipment List for the Faculty of Medical Sciences

•	ltem	Description	Paediatrics	Phase
lo.	No.			
	11. 040	(C) 1. 1.1	Rq. Plan	
	L-010	Binocular Microscopes	A 1	1 1
	L-014	Single Beam, Visible Light Spectrophotometer	B1	1 2
	L-019	Electronic Balance (Range 0.01mg-100mg)	A 1	1 1
	L-025	Refrigerator (150L)	. A1	1 2
	L-037	Incubator (150L)	A1	1 2
	L-045	Centrifuge, Refrigerated	C 1	1
	L-047	Microfuge	C 1	1
		Centrifuge, Bench	A1	1 1
	L-053	Automatic Pipettes Set	IA 1	1 1
	L-056	Dilutors	C1	2
		pH Meters	[A1	1 2
	L-061	Waler Bath 12-16L	A 1	1 2
		Hot Air Oven (250L)	Al	1 2
	L-074	Drying Cabinet for Glassware and Instruments	B1	1 2
	L-077	Hot Plate	A 1	1 1
	L-083	Orbital Shakers (With Aulo Veverse)	A1	1 2
	L-100	X-ray Viewer (Illuminator) - Standard		2] 2
	L-115	Stop Watch/ Clock	A1	2; 1
	L-118	Haematocrit Centrifuge	A1	1 1
	M-014	Silicon Resuscitation Bags		2 1
		Length Scale	!!!	2 1
		Instrument Tray Table with Castors		2! 1
	<u> </u>	Examination Table		2 1
157	<u> </u>	:Measuring Lod For Height	!A 2	
	<u> </u>	Infant Length Scale	A 2	2 1
		Electronic Weighing Scale	A 2	2 1
		Infant Weighing Scale	A 2	2 1
		Diagnostic Sets (Auroscope & Ophthalmoscope)	A3	3 1
		ISkinfold Thickness Calipers	IA 2	2i 1
163	IM-023	:Bilirubin Analyzer	A1 1	1 1
209	M-034	Ophthalmoscope		2 1
212	:M-036	Pulse Oximeter		2 1
		:Infusion Pump		3 1
		Patient monitor(ECG and BP)		2 1
		Examination Bed For Gynecology		2 . 1
		Hand Lamp	-	1 1
	M-043	Angle Poised Lamp		2 1
	:M-046	Suction unit	1 : 1	2 1
	M-047	Nebuliser	1	2 1
	O-001	Camera Set		1, 1
	O-008	Educational TV and VCR Set	A 1	1
	O-009	Slide Projector	A 1	1
	O-010	Overhead Projector	A1 !	1
	O-011	Projector Screens	A1	1
	0-015	Desk Top Computer Set	A1	1 1
	O-016	Laser Printer	A 1	1 1
	O-022	Electronic Type Writer with Memory (English)	B1 ·	1 1
251	O-023	Slide Viewer	A1	1 1
257	O-027	Epidiascope	B1 :	1 1
258	3:O-028	Dictaphone and Recorders	B 1	1 1

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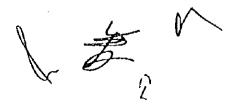
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		<u></u>			<u>!</u>
Orig.	ltem	Description	Pae	diatrics	Phase
No	No.				
·	<u> </u>		Rq.	Plan	
	0-029	Magiboards	A 1	<u>i</u> 1	1
266	0-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	A 2	4	1
273	L-146	Glassware Set	:A1	1	1
276	-	Ultrasonic Nebulizers	A 2	:	
277	M-050	Phototherapy Unit	A 3	3	1
278		Automatic Infusion Pumps	A 3	:	
279	M-051	Syringe Infusion Pumps	;A 3	3	1
280	M-052	Infant Resuccisator and Accessories	:A 1	1	1
281	M-053	Infant Transport Incubators	:A 2	. 2	1
282	M-054	Oxygen Hood	;A 2	. 2	1
283	1	Suction Apparatus	A 2		j
284	:	Cardiac Monitor	: A 2		i ———
285	M-055	Apnea Monitor	A 2	2	1
286	M-056	Infant Examination Table	A 2	. 2	1
287	M-057	Infant Pressure Cycled Ventilator	A 2	. 2	1
288	M-058	Oxygen Analyzer	A 2	2	1
289		Pulse Oximeter	A 2		į
	M-059	Liver & Kidney biopsy set	!A1	1	1
	M-064	Diagnostic set for Paediatrics	'A 1	: 1	1







Equipment List for the Faculty of Medical Sciences

rig. Item		ObGyr	ne Phase
o. No.	Description	1,	
		Rq. P	lan
7 L-01	O Binocular Microscopes	A 1	1 1
19 L-01	9 Electronic Balance (Range 0.01mg-100mg)	A 1	1 1
25 L-02	5 Refrigerator (150L)	A1	1 2
37 L-03	7 Incubator (150L)	81	1 2
41 L-04	0 CO2 Incubator (150L;5-50C)	C 1	2
42 L-04	1 Safety Cabinet, Class II	C 1	1 2
48 L-04	5 Centrifuge, Refrigerated	C 1	1 1
49 L-04	6 Refrigerated Microfuge with Rotors	C1	1
50 L-04		C 1	1 1
51 L-04	8 Centrifuge, Bench	A 1	1 1
56IL-05	3 Automatic Pipettes Set	A 1	1! 1
59[L-05	6 Dilutors	C 1	2
61 L-05	8 pH Melers	A1	1 2
64 L-06		A 1	1 2
79 L-07	2 Hot Air Oven (250L)	A 1	1 2
81;L-07	4 Drying Cabinet for Glassware and Instruments	B 1	1 2
85 L-07		A 1	1 1
91 L-08	3 Orbital Shakers (With Auto Veverse)	· A1	1 2
130 L-10	0 X-ray Viewer (Illuminator) - Standard		2 2
146 L-11	5 Stop Watch/ Clock	A 1	2 1
153¦M-01	4 Silicon Resuscitation Bags		2 1
154 M-01	5 Length Scale		2 1
155;M-0	6 Instrument Tray Table with Castors		2; 1
156 M-0	7 Examination Table	i	2i 1
159 M-0	9 Electronic Weighing Scale	İ	2: 1
161 M-02	21 Diagnostic Sets (Auroscope & Ophthalmoscope)		2 1
1641M-02	24 Hysteroscope with Resection Equipment	A 1	1 1
165 M-02	25 Colposcope	A 1	1 1
166:M-02	26 Cryo-caulary	A 1	1: 1
168 M-02	28 Bipolar Diathermy	A 1	1 1
169 M-02	9 :Doppler Fetal Heart Monitor (Portable)	A3	31 1
170 M-03	30 Cardio-toco-graph	A 1	3; 1
209 M-0.	34 Ophthalmoscope		2 1
213 M-0	37 Infusion Pump		3 1
215 M-0		1	2 . 1
217 M-0	9 Examination Bed For Gynecology		2: 1
220 M-0	12 Hand Lamp		1: 1
221 M-0	· · · · · · · · · · · · · · · · · · ·	- 1 1	2 _i 1
225 M-0			2 1
226!M-0			2: 1
230 O-0			1 1
237.O-0		A 1	1
239 O·0		A 1	: 1
240 O-0		A 1	. 1
244 O-0		A 1	1 1
245:O-0		A1 .	1 · 1
250 O-0	22 Electronic Type Writer with Memory (English)	B 1	1 1
258:O-0	28 Dictaphone and Recorders	B 1 '	1 1
259 O-0	29 Magiboards	A 1	1. 1
266 O-0	34 Uninterrupted Power Supply (UPS)	A2	2 1

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Equipment List for the Faculty of Medical Sciences

Depa	rtment	of Obstetrics and Gynecology	-		
	Item No.	Description	Ot	Gyne	Phase
	1		Rq.	Plan	
26	7 O-035	Stabilizers	A 2	4	1
27	3 L-146	Glassware Set	A 1	1	1
29	7 M-065	iDiagnostic set for Obstetrics & Gynecology	A 1	1	1



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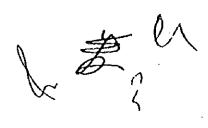
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ANNEX I-1
Equipment List for the Faculty of Medical Sciences

Department of Psychiatry Ong. ltem Psychiatry Phase Description No. No. Rq. Plan 25 L-025 (Refrigerator (150L) Α1 2 2 130 L-100 'X-ray Viewer (Illuminator) - Standard 2 153 M-014 Silicon Resuscitation Bags 2 1 2 159 M-019 Electronic Weighing Scale 1 161 M-021 Diagnostic Sets (Auroscope & Ophthalmoscope) 2 1 209 M-034 Ophthalmoscope A 1 1 1 221 M-043 Angle Poised Lamp 11 1 1 230 O-001 Camera Set A 1 1 236 O-007 Observation TV and Camera Set With VCR A 1 2 239 O-010 Overhead Projector A 1 1 240 O-011 Projector Screens A 1 1 244 O-015 Desk Top Computer Set A 1 1 245 O-016 Laser Printer A 1 1 250 O-022 Electronic Type Writer with Memory (English) 1 B 1 1 Dictaphone and Recorders 258 O-028 B 1 1 1 1 259 O-029 Magiboards A 1 1 Uninterrupted Power Supply (UPS) 2661O-034 Α2 2 267 O-035 Stabilizers A 2 4 293:M-061 Diagnostic set for Psychiatry A 1 1







Equipment List for the Faculty of Medical Sciences

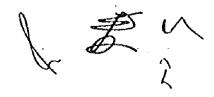
rig.	ltem	Description	· ·	immly	Phase
lo.	No.	·		nmunity	
	<u> </u>		Rq.	Pian	<u> </u>
	L-010	Binocular Microscopes	A 2	1 2	1 2
	L-014	Single Beam, Visible Light Spectrophotometer	A 1	1	
16		Automated Coulter Full Blood Analyzer	C 1	1 ,	
	L-024	Refrigerator (Double Door)	A 2	2	
	L-048	Centrifuge, Bench	A 1	1 1	1
	L-053	Automatic Pipettes Set	!A 1	1 1	1
	L-061	Water Bath 12-16L	A 1	1	2
	L-072	Hot Air Oven (250L)	A 1	1	2
	L-078	Boiling Sterilizer (100C)	A 1	1 1	-
	L-079	Top Loading Autoclave	A 2	2	1
	L-100	X-ray Viewer (Illuminator) - Standard		2	
	L-115	Stop Watch/ Clock	· 	2	
	L-118	Haematocrit Centrifuge	:A 1	1 1	
	M-014	Silicon Resuscitation Bags		2	
	M-016	Instrument Tray Table with Castors	A4	4	
	M-017	Examination Table	A 4	_ 4	
	M-019	Electronic Weighing Scale	*	2	+
	M-029	Doppler Fetal Heart Monitor (Portable)	· · · · · · · · · · · · · · · · · · ·	1	
210	M-035	Defibrilator with monitor		1 1	
217	M-039	Examination Bed For Gynecology	A 1	1	
218	M-040	Surgical Bed for Minor Surgery, Manual	A 1	1	<u>:</u>
219	M-041	Small Operating Theatre Lamp Mobile		_	
220	M-042	Hand Lamp	·A 4	4	
221	M-043	Angle Poised Lamp	A 2	2	
222	M-044	Diagnostic Set For Community and Family Medicine	A 3	3	1
223	3!	Foetal Heart Detector (Doppler)	A 1		<u> </u>
224	M-045	Proctoscope with Light Source	A 1	1	1
225	:M-046	Suction unit	A 1	1	1
226	5!M-047	Nebuliser	A 1	į 1	1
227	7	Portable Defibrillator	B 1		1
228	M-048	Electric Cautery For Skin	A 1	1	1
229	9:M-049	Infra Red Lamp	A 1	1	1
	O-001	Camera Set		1 1	1
	3¦O-007	Observation TV and Camera Set With VCR	A 1	j 1	2
	0-010	Overhead Projector	'A 1	1	1
	O;O-011	Projector Screens	·A 1	!	1
	1 0-012	Laptop Computer	····		1
	1-O-015	Desk Top Computer Set	A 1	1	1
	5.O-016	Laser Printer	A 1	1	1
	O-029	Magiboards	A 1		1
	6: O-034	Uninterrupted Power Supply (UPS)	A 2	2	
	7 O-035	Stabilizers	A 4	: 4	
	2 L-145	Blood Cell Counting Chamber (WBC,RBC) with counter	A 5		1
	3 L-146	Glassware Set	A 1		1 1
	1 M-060	Mini-bus, 20 to 30 sheets capacity	A1		1
29		Transport vehicle	A 1		!

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Admi	nistratio	en ·					
Depa	epartment of Medical Education and Health Sciences						
Orig. Item No. No.		Description	Education		Admini		Phase
	-		Rq.	Plan	Rq.	Plan	1
244	10-015	Desk Top Computer Set	1	1	A 3] 3	1
24	0-016	Laser Printer	1		A 2	1 2	1
250	0.0-022	Electronic Type Writer with Memory (English)	Ī		B 2	1 2	1
25	2)	Electronic Stencil Scanning Machine	1	•	B 1	ì	
25:	O-026	Paper Guillotine	1	ŧ	C 1	1	1
256	ìi	Paper Shredder	1	j	iC 1	1	
259	O-029	Magiboards	1	1	A 3	1 3	1
266	O-034	[Uninterrupted Power Supply (UPS)	i		A 3	3	1
267	O-035	Stabilizers		į	A 2	3	1
275	O-037	Anatomical Models and Simulators Set	A 1	1	ı I		1



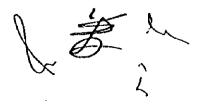




Librar	У			İ	1		
Audito	rium						
Orig. No.	item No.	Description		Audio		Library	
			Rq.	Plan	Rq.	Plan	
235	O-006	Audio Visual Set For Auditorium	A 1	1		ĺ	2
238	O-009	Slide Projector	A 2		1		1
239	O-010	Overhead Projector	• A 1	İ		1	1
240	0-011	Projector Screens	A 1			T	1
244	O-015	Desk Top Computer Set			A 5	10	1
245	O-016	Laser Printer	1		A 1	1	1
250	O-022	Electronic Type Writer with Memory (English)	!	T	B 1	1	1
252		Electronic Stencil Scanning Machine			B 1		Ì
255	O-026	Paper Guillotine	-		B 2	2	1
256		Paper Shredder			C 1		
259	O-029	Magiboards	A 1	1	A 2	2	1
266	O-034	Uninterrupted Power Supply (UPS)	A 2	1 3	A 2	10	1
267	O-035	Stabilizers	A 2		A 2	10	1







ANNEX 1-1

Medical Illustration Unit					
Orig. No.	ltem No.	Description	11	Illust	
			Rq.	Plan	i
24	L-024	Refrigerator (Double Door)	A 1	1	2
129	L-099	X-ray Viewer (Large)	A 1	, 1	2
130	L-100	X-ray Viewer (Illuminator) - Standard	A 1	1	2
230	0-001	Camera Set	A 3	3	1
231	O-002	Illustration Making Set	A 1	1	1
232	O-003	Magnifying Glass with Handle (Hand Type)	A 1	1	1
233	O-004	Teaching Video Making Set	A 1	1	1
234	O-005	Computer Facility for Slide Making	A 1	. 1	1
238	O-009	Slide Projector	A 1	i	1
240	0-011	Projector Screens	A 1	:	1
244	O-015	.Desk Top Computer Set	A 1	. 1	1
245	0-016	Laser Printer	A 1	. 1	1
250	O-022	Electronic Type Writer with Memory (English)	B 1	, 1	1
252	j	Electronic Stencil Scanning Machine	B 1		
253	O-024	Binding Machine(ring binding)	A 1	1	1
254	O-025	Laminating machine	A 1	1	1
255	O-026	Paper Guillotine	A 1	1	1
256	5 :	Paper Shredder	C 1		
259	O-029	Magiboards	A 1	1	1
261	O-031	Split-Type Airconditioners	82	2	2
266	O-034	Uninterrupted Power Supply (UPS)	A 2	2	1
267	O-035	Stabilizers	[A 1	2	1



