

SCHEDULE-XII

Minimum Essential Standards : Requirements Of Equipment And Instruments Etc., For Mahiyatul Amraz (Pathology) Practical Laboratory And Museum Cum Tutorial Room Under The Department Of Mahiyatul Amraz (Pathology)

Sr. No.	Equipment and Instruments	sixty students intake capacity	One hundred students intake capacity	One hundred Fifty students intake capacity	Two hundred students intake capacity	Available	Deficiency
(1)	(2)	(3)	(4)	(5)	(6)		
A	Computer, Printer with internet facility					Available	0
B	Departmental Library Number of Books Available: 42					Available	0
C	e-display (Smart board of smart television or light emitting diodes display and the like)					Available	0
A. Mahiyatul Amraz (Pathology) Practical Laboratory							
1	Binocular microscope with oil immersion	Fifteen	–	–	–	15	0
2	Microscope with oil immersion	Fifteen	–	–	–	15	0
3	Monocular microscope with lens 20	Fifteen	–	–	–	15	0
4	X-ray viewbox	One	–	–	–	1	0
5	Sahli's Square tube (Haemoglobinometer)	Thirty	–	–	–	30	0
6	Hb pipette	Thirty	–	–	–	30	0
7	White Blood Cell pipette	Thirty	–	–	–	30	0
8	Dropper	Thirty	–	–	–	30	0
9	Red Cell pipette	Thirty	–	–	–	30	0
10	Improved Neubauer counting chamber	Thirty	–	–	–	30	0
11	Incubator	One	–	–	–	1	0
12	Wintrobe's tube	Thirty	–	–	–	30	0
13	Pasteur's pipette	Thirty	–	–	–	30	0
14	Centrifuge Graduated Machine	One	–	–	–	1	0

15	Westergren's pipette	Thirty	-	-	-	30	0
16	Westergren's stand or Wintrob stand	Thirty	-	-	-	30	0
17	Urinometer	Thirty	-	-	-	30	0
18	Autoclave	One	-	-	-	1	0
19	Cell counter (haemo-auto analyzer)	One	-	-	-	1	0
20	Blood pressure Apparatus	Five	-	-	-	15	0
21	Stethoscope	Five	-	-	-	15	0
22	Thermometer	Ten	-	-	-	30	0
23	Thermal Scanner	One	-	-	-	1	0
24	Tongue depressor	Five	-	-	-	30	0
25	Stop watch	Thirty	-	-	-	30	0
26	Physical Balance	One	-	-	-	1	0
27	Electronic balance	One	-	-	-	Available	0
28	Hot air oven	One	-	-	-	1	0
29	Bunsen Burner	Thirty	-	-	-	1	0
30	Refrigerator	One	-	-	-	1	0
31	Sterile vessels or bottle to collect samples	As required				Available	0
32	Torch	As required				Available	0
33	Measuring Tape	As required				Available	0
34	Weighing machine	One	-	-	-	1	0
35	Tuning Forks	Assorted				Available	0
36	Nasal speculum	As required				Available	0
37	Laryngoscope	As required				Available	0
38	Catheters	As required				Available	0
39	Probes	Assorted				Available	0
40	Kit (HBsAg kit, HIV kit, CT-BT kit, Renal profile kit, Lipid profile kit, Blood sugar kit etc.)	Assorted				Available	0

41	Sterile disposable lancetor needle	Assorted				Available	0
42	Glassrod	Assorted				Available	0
43	Syringe needle destroyer	As required				Available	0
44	Cover slip	As required				Available	0
45	Cleaned slides	As required				Available	0
46	Litmus paper	As required				Available	0
47	pH indicator paper strips	As required				Available	0
48	Test-tube, Test-tubeholder, Test tube rack	Assorted				Available	0
49	Funnel	As required				Available	0
50	Conical flask	Assorted				Available	0
51	GlassJarswith lidofdifferent sizes	Assorted				Available	0
52	CapillaryTubes	Assorted				Available	0
53	Magnifying lens	As required				Available	0
54	Rubberteat	Assorted				Available	0
55	Multisticks	Assorted				Available	0
56	Colorimeter	Two	-	-	-	2	0
57	pHmeter	Two	-	-	-	2	0
58	Waterbath	One	-	-	-	1	0
59	Albuminometer	Ten	-	-	-	10	0
60	DrawingRack	Two	-	-	-	2	0
61	Micropipette	Assorted				Available	0
62	Lancet	Assorted				Available	0
63	Forceps	Assorted				Available	0
64	Petridish	Assorted				Available	0
65	TransparentUrine container	Assorted				Available	0
66	Graduated Cylinder	Assorted				Available	0
67	Tourniquet	As required				Available	0
68	Revolving Stool for students	As required				Available	0

B. Museum cum Tutorial Room				
1	Pathological specimens	Models or films or photographs or visuals or charts or Specimen displaying pathological conditions	Available	0
2	Typical X-Ray or Computed Tomography or Magnetic Resonance Imaging		Available	0
3	Diagnostic devices or instrument or equipment etc.,		Available	0
<p>Note: 1. The listed items in the table are the minimum essential standard requirements. The department shall maintain facilities including equipment, instruments, and chemicals/reagent set etc., according to student intake capacity for the smooth conduct of practicals listed in the syllabus and for demonstrative teaching.</p> <p>2. Safety measures shall be taken against microbial contaminations.</p>				