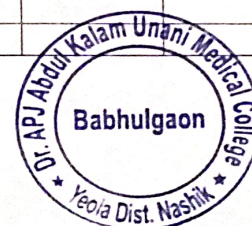


SCHEDULE-XII (Not Applicable)

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)

S No. (1)	Equipment and Instruments (2)	sixty students intake capacity (3)	One hundred students intake capacity (4)	One hundred Fifty students intake capacity (5)	Two hundred students intake capacity (6)	Available	Deficiency	
A	Computer, Printer with internet facility							
B	Departmental Library Numbers of Books Available : _____							
C	e-display (smart board or smart television or light emitting diodes display)							
D	Mahiyatul Amraz (Pathology) Practical Laboratory							
1	Binocular microscope with oil immersion	Fifteen	Twenty-five	Forty	Fifty			
2	Microscope with oil immersion	Fifteen	Twenty-five	Forty	Fifty			
3	Monocular microscope with lens 20	Fifteen	Twenty-five	Forty	Fifty			
4	X-ray view box	One	One	Two	Two			
5	Sahli's Square tube (Haemoglobinometer)	Thirty	Fifty	Fifty	Fifty			
6	Hb pipette	Thirty	Fifty	Seventy-five	One hundred			
7	White Blood Cell pipette	Thirty	Fifty	Seventy-five	One hundred			
8	Dropper	Thirty	Fifty	Seventy-five	One hundred			
9	Red Cell pipette	Thirty	Fifty	Seventy-five	One hundred			
10	Improved Neubauer counting chamber	Thirty	Fifty	Seventy-five	One hundred			
11	Incubator	One	Two	Three	Four			
12	Wintrobe's tube	Thirty	Fifty	Seventy-five	One hundred			
13	Pasteur's pipette	Thirty	Fifty	Seventy-five	One hundred			
14	Centrifuge Graduated Machine	One	Two	Three	Four			
15	Westergren's pipette	Thirty	Fifty	Seventy-five	One hundred			
16	Westergren's stand or Wintrobe stand	Thirty	Fifty	Seventy-five	One hundred			
17	Urometer	Thirty	Fifty	Seventy-five	One hundred			
18	Autoclave	One	One	One	One			
19	Cell counter (haemo-auto analyzer)	One	One	One	One			
20	Blood pressure Apparatus	Five	Ten	Fifteen	Twenty			
21	Stethoscope	Five	Ten	Fifteen	Twenty			
22	Thermometer	Ten	Twenty	Thirty	Forty			
23	Thermal Scanner	One	Two	Three	Four			
24	Tongue depressor	Five	Ten	Fifteen	Twenty			
25	Stop watch	Thirty	Fifty	Seventy-five	One hundred			
26	Physical Balance	One	One	Two	Two			
27	Electronic balance	One	One	Two	Two			
28	Hot air oven	One	One	Two	Two			



29	Bunsen Burner	Thirty	Fifty	Seventy-five	One hundred		
30	Refrigerator	One	One	One	One		
31	Sterile vessels or bottle to collect samples	As required					
32	Torch	As required					
33	Measuring Tape	As required					
34	Weighing machine	One	One	One	One		
35	Tuning Forks	Assorted					
36	Nasal speculum	As required					
37	Laryngoscope	As required					
38	Catheters	As required					
39	Probes	Assorted					
40	Kit (HBs Ag kit, HIV kit, CT-BT kit, Renal profile kit, Lipid profile kit, Blood sugar kit etc.)	Assorted					
41	Sterile disposable lancet or needle	Assorted					
42	Glass rod	Assorted					
43	Syringe needle destroyer	As required					
44	Cover slip	As required					
45	Cleaned slides	As required					
46	Litmus paper	As required					
47	pH indicator paper strips	As required					
48	Test-tube, Test-tube holder, Test tube rack	Assorted					
49	Funnel	As required					
50	Conical flask	Assorted					
51	Glass Jars with lid of different sizes	Assorted					
52	Capillary Tubes	Assorted					
53	Magnifying lens	As required					
54	Rubber teat	Assorted					
55	Multi sticks	Assorted					
56	Colonmeter	Two	Four	Six	Eight		
57	pH meter	Two	Four	Six	Eight		
58	Water bath	One	Two	Three	Four		
59	Albuminometer	Ten	Twenty	Thirty	Forty		
60	Drawing Rack	Two	Three	Four	Five		
61	Micro pipette	Assorted					
62	Lancet	Assorted					
63	Forceps	Assorted					
64	Petri dish	Assorted					
65	Transparent Urine container	Assorted					
66	Graduated Cylinder	Assorted					
67	Tourniquet	As required					
68	Revolving Stool for students	As required					

B. Museum cum Tutorial Room

1	Pathological specimens	Models or films or photographs or visuals or charts or Specimen displaying pathological conditions		
2	Typical X-Ray or Computed Tomography or Magnetic Resonance Imaging			
3	Diagnostic devices or instrument or equipment etc.,			

Note: 1. The listed items in the table are the minimum essential standard requirements. The department shall maintain facilities including equipment, instruments, chemicals/reagents etc., according to student intake capacity for the smooth conduct of practicals listed in the syllabus and for demonstrative teaching.
2. Safety measures shall be ensured against microbial contaminations.

