

Schedule XXI

**Minimum essential standards: requirements for clinical laboratory under the department of MAHIYATUL AMRAZ
(PATHOLOGY) in the Teaching Hospital**

Serial No.	Equipment and Instruments	Available	Deficiency
Haematology or Pathology Section		Available	
1	Fully or semi-automated haematology analyser	Available	
2	Binocular microscope	Available	
3	Colorimeter	Available	
4	Other necessary equipment/instruments	Available	
Biochemistry Section		Available	
1	Fully or semi-automated biochemistry analyser	Available	
2	Electrolyte analyser	Available	
3	Centrifuge	Available	
4	Hot air oven	Available	
5	Chemiluminescence or Enzyme-Linked Immunosorbent Assay (ELIZA)	Available	
6	Glycated Haemoglobin (HbA1C) analyser or Card based	Available	
7	Other necessary equipment or instruments	Available	
Microbiology Section		Available	
1	Binocular microscope	Available	
2	Incubator	Available	
3	Autoclave (vertical)	Available	
4	Hot air oven	Available	
5	Automated blood culture system	Available	
6	Bio-safety cabinet	Available	
7	Other necessary equipment and instruments	Available	
<p>Note: 1. The listed items in the table are minimum essential standard requirements. However, the department shall maintain all facilities including equipment, instruments, medicines etc., for conducting routine haematological, pathological, biochemical and microbiological diagnostic tests.</p> <p>The requirement of equipment and instruments mentioned for clinical laboratory in Schedule-XXI is applicable only for the new colleges to be established after notification of this regulation; All existing colleges (before notification) are permitted to continue with the existing facilities in clinical laboratories; however, they are allowed to upgrade the facilities as per their requirements in the future.</p> <p>For higher diagnostic tests, the college may have a tie-up with the nearest National Accreditation Board for Testing and Calibration Laboratories -accredited diagnostic laboratory.</p>			

