

## 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
<b>Haematology or Pathology Section</b>			
1	Fully or semi-automated haematology analyser	<b>Available</b>	0
2	Binocular microscope	<b>Available</b>	0
3	Colorimeter	<b>Available</b>	0
4	Other necessary equipment instruments	<b>Available</b>	0
<b>Biochemistry Section</b>			
1	Fully or semi-automated biochemistry analyser	<b>Available</b>	0
2	Electrolyte analyser	<b>Available</b>	0
3	Centrifuge	<b>Available</b>	0
4	Hot air oven	<b>Available</b>	0
5	Chemiluminescence or Enzyme-Linked Immunosorbent Assay(ELIZA)	<b>Available</b>	0
6	Glycated Haemoglobin(HbA1C)analyser or Cardbased	<b>Available</b>	0
7	Other necessary equipment or instruments	<b>Available</b>	0
<b>Microbiology Section</b>			
1	Binocular microscope	<b>Available</b>	0
2	Incubator	<b>Available</b>	0
3	Autoclave(vertical)	<b>Available</b>	0
4	Hot air oven	<b>Available</b>	0
5	Automated blood culture system	<b>Available</b>	0
6	Bio-safety cabinet	<b>Available</b>	0
7	Other necessary equipment and instruments	<b>Available</b>	0

<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>		
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