



**Brainware University**  
**School of Medical and Allied Health Sciences**  
**Department of Allied Health Sciences**  
**Diploma in Medical Laboratory Technology (DMLT) 2024**

**Semester-I**

Course Code	Course Name	Evaluation Scheme		L - T - P	Credits	Total Marks
		CIE	ESE			
DMLT101	Human Anatomy and Physiology	40	60	2-0-0	2	100
DMLT102	Clinical Pathology & Basic Hematology	40	60	4-0-0	4	100
DMLT103	Microbiology & General Bacteriology	40	60	4-0-0	4	100
DMLT104	Clinical Biochemistry-I	40	60	4-0-0	4	100
DMLT192	Clinical Pathology & Basic Hematology Practical	40	60	0-0-4	2	100
DMLT193	Microbiology & General Bacteriology Practical	40	60	0-0-4	2	100
DMLT194	Clinical Biochemistry Practical-I	40	60	0-0-4	2	100
DMLT195	Computer application – Lab	40	60	0-0-2	1	100
<b>TOTAL</b>		<b>320</b>	<b>480</b>	<b>28</b>	<b>21</b>	<b>800</b>

**Semester-II**

Course Code	Course Name	Evaluation Scheme		L - T - P	Credits	Total Marks
		CIE	ESE			
DMLT201	Medical Ethics and Patient care Management	40	60	2-0-0	2	100
DMLT202	Hematology	40	60	4-0-0	4	100
DMLT203	Systemic & Clinical Bacteriology	40	60	4-0-0	4	100
DMLT204	Clinical Biochemistry – II	40	60	4-0-0	4	100
DMLT292	Hematology Practical	40	60	0-0-4	2	100
DMLT293	Systemic & Clinical Bacteriology Practical	40	60	0-0-4	2	100
DMLT294	Clinical Biochemistry Practical - II	40	60	0-0-4	2	100
<b>TOTAL</b>		<b>280</b>	<b>420</b>	<b>26</b>	<b>20</b>	<b>700</b>



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**Semester-III**

Course Code	Course Name	Evaluation Scheme		L - T - P	Credits	Total Marks
		CIE	ESE			
DMLT301	Cytopathology & Histopathology	40	60	4-0-0	4	100
DMLT302	Immunology & Serology	40	60	4-0-0	4	100
DMLT303	Virology & Mycology	40	60	4-0-0	4	100
DMLT304	Clinical Biochemistry-III	40	60	4-0-0	4	100
DMLT391	Cytopathology & Histopathology Practical	40	60	0-0-4	2	100
DMLT392	Immunology & Serology Practical	40	60	0-0-4	2	100
DMLT394	Clinical Biochemistry Practical-III	40	60	0-0-4	2	100
<b>TOTAL</b>		<b>280</b>	<b>420</b>	<b>28</b>	<b>22</b>	<b>700</b>

**Semester-IV**

Course Code	Course Name	Evaluation Scheme		L - T - P	Credits	Total Marks
		CIE	ESE			
DMLT401	Histopathology & Blood Banking	40	60	4-0-0	4	100
DMLT402	Parasitology & Animal Care	40	60	4-0-0	4	100
DMLT403	Clinical Microbiology	40	60	4-0-0	4	100
DMLT404	Clinical Biochemistry-IV	40	60	4-0-0	4	100
DMLT491	Histopathology & Blood Banking Practical	40	60	0-0-4	2	100
DMLT493	Clinical Microbiology Practical	40	60	0-0-4	2	100
DMLT494	Clinical Biochemistry Practical-IV	40	60	0-0-4	2	100
<b>TOTAL</b>		<b>280</b>	<b>420</b>	<b>28</b>	<b>22</b>	<b>700</b>

**Semester-V**

Course Code	Course Name	Evaluation Scheme		L - T - P	Credits	Total Marks
		CIE	ESE			
DMLT581	Internship	0	0	0-0-0	10	100
<b>TOTAL</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>100</b>

**TOTAL CREDIT: 95**  
**TOTAL MARKS: 3000**