

SUMMARY SHEET – DIGITAL CONTENT

Branch: MLT (3rd Semester)

Subject: Applied Biochemistry

Department: MLT (3rd Sem – Applied Biochemistry)

S. No.	Topic	E-Link / Digital Resource
1.1	Formation and excretion of bilirubin	www.alokpdf.com/serum-bilirubin
1.2	Conjugated and unconjugated bilirubin	www.alokpdf.com/serum-bilirubin
1.3	Principle and procedures of serum bilirubin estimation (Direct & Indirect)	www.alokpdf.com/serum-bilirubin
1.4	Clinical significance of serum bilirubin estimation	www.slideshare.net/slideshow/dmlt-2nd-year-liver-function-tests-some-basic-concepts-u-p-state-medical-faculty-syllabus-in-english-hinglish/274355132
2.1	Principle and procedure of estimation of SGOT	www.alokpdf.com/sgot-sgpt
2.2	Principle and procedure of estimation of SGPT	www.alokpdf.com/sgot-sgpt
2.3	Clinical significance of SGOT/SGPT estimation	www.slideshare.net/slideshow/dmlt-2nd-year-liver-function-tests-some-basic-concepts-u-p-state-medical-faculty-syllabus-in-english-hinglish/274355132
3.1	Principle and procedure of estimation of serum amylase	www.alokpdf.com/serum-amylase-alp-acp
3.2	Clinical significance of serum amylase estimation	www.alokpdf.com/serum-amylase-alp-acp
3.3	Principle and procedure of estimation of ALP	www.alokpdf.com/serum-amylase-alp-acp
3.4	Principle and procedure of estimation of ACP	www.alokpdf.com/serum-amylase-alp-acp
3.5	Clinical significance of ALP/ACP estimation	www.alokpdf.com/serum-amylase-alp-acp
4.1	Principle and procedure of estimation of serum calcium	www.alokpdf.com/serum-calcium-potassium
4.2	Principle and procedure of estimation of serum potassium	www.alokpdf.com/serum-calcium-potassium
4.3	Clinical significance of calcium/potassium estimation	www.alokpdf.com/serum-calcium-potassium
5.1	Formation of cholesterol	www.alokpdf.com/lipid-profile
5.2	High density and low density cholesterol (HDL/LDL)	www.slideshare.net/slideshow/dmlt-2nd-year-some-important-questions-answer-biochemistry-u-p-state-medical-faculty-syllabus-in-hinglish/269642436
5.3	Principles and procedures of estimation of HDL/LDL	www.alokpdf.com/lipid-profile
5.4	Principle and procedure of estimation of triglycerides	www.alokpdf.com/lipid-profile
5.5	Clinical significance of HDL/LDL/triglycerides estimation	www.slideshare.net/slideshow/dmlt-2nd-year-some-important-questions-answer-biochemistry-u-p-state-medical-faculty-syllabus-in-hinglish/269642436
5.6	Importance of various ratios of HDL, LDL and VLDL	www.slideshare.net/slideshow/dmlt-biochemistry-viva-question-answer-1st-2nd-year-u-p-state-medical-faculty-syllabus-in-hinglish-6455/269122250

Note: Links are clickable in the PDF. The resources are aligned topic-wise with the MLT 3rd Semester Applied Biochemistry syllabus. The HSBTE curriculum covers bilirubin, SGOT/SGPT, amylase, ALP/ACP, calcium/potassium and lipid profile topics. Official HSBTE syllabus: https://www.hsbte.org.in/pdf/Stream_info/MLT/Detailed%20Content%20Sem%203.pdf