

OPEN CHANNEL

5.0 RESULT

A) FLOW OVER A SHARP CRESTED WEIR

Height of weir crest above bed, $a =$ _____ mm

Width of weir, $B =$ _____ mm

Head, H (mm)	Discharge, Q (m ³ /s)	Log Q	Log H	C _d

B) FLOW OVER A VENTURI FLUME

Width of channel, $B =$ _____ m

Width of Venturi flume throat, $B_c =$ _____ m

Depth Upstream, y_1 (m)	Discharge, Q (m ³ /s)	Velocity Upstream, V_1 (m/s)	Specific Energy, E (m)	C _d

FLOW OVER WEIR

5.0 RESULT

A) V – Shape weir

Enclused angle , θ : _____

Volume : _____ ho=_____

Reading	Time (s)	Flow (m ³ /s)	Head, H (m)	Log Q	Log H	C _d

B) Rectangular weir

Width of the neckline , b : _____ m

Volume : _____ ho=_____

Reading	Time (s)	Flow (m ³ /s)	Head, H (m)	Log Q	Log H	C _d