⑥ **Volume of urine (ml/min)**

$$= \frac{\text{24 hours urine output (ml/day)}}{\text{24 hours} \times \text{60 minutes}}$$

$$= \frac{1500 \text{ ml/day}}{24 \times 60}$$

$$= \frac{1500}{1440}$$

$$= 1.04 \text{ ml/min} \quad E$$

⑦ **Creatinine clearance (ml/minute)**

$$= \frac{U\,V}{P}$$

or

$$\frac{U_{(mg/dl)_B} \times V_{(ml/min)_E}}{P_{(mg/dl)_A}}$$

Where,

U = Urine creatinine (mg/dl)

V = Vol. of urine (ml/min)

P = Plasma/serum creatinine (mg/dl)

← since, "mg/dl" units cancel each so, unit of creatinine clearance is "ml/min."

Reference ranges :-

① serum creatinine = 0.6 to 1.2 mg/dl

② Urine creatinine = 0.8 to 1.5 Gm/day.

③ creatinine coefficient ➡ Males = 24 to 26 mg/kg/day.
Females = 20 to 22 mg/kg/day.

④ Creatinine clearance - Males = 85 to 125 ml/min
Females = 75 to 115 ml/min.

Note: It is worthwhile to know A, B, C, D and E. It will help you understand all calculations.