

## References

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# Appendices

## Metric Units

### Volume

1 milliliter (ml) = 1000 microliter ( $\mu$ l)

1 litre = 1000ml

1 cubic meter ( $\text{cm}^3$ ) = 1000 litres

1 cubic centimeter (1cc) = 1ml

1  $\text{ft}^3$  = 0.02832 $\text{m}^3$

### Weight

1 milligram (mg) = 1000 microgram ( $\mu$ g)

1 gram (g) = 1000 (mg)

1 kilogram (kg) = 1000 gram

1 metric ton (mt) = 1000 kg

1lb = 453.6g = 0.4536kg

1 kg = 2.205 lb

### Area

1 square centimeter ( $\text{cm}^2$ ) = 100 square millimeter ( $\text{mm}^2$ )

1 square meter ( $\text{m}^2$ ) = 10,000  $\text{cm}^2$

1 hectare (ha) = 10,000  $\text{m}^2$

1 acre = 0.4047 hectare = 100  $\text{m}^2$

### Length

1 millimeter (mm) = 1,000 micrometer (microns)

1 centimeter (cm) = 10mm

1 meter (m) = 100 cm

1 kilometer (km) = 1000 m

1 foot (ft) = 12 inches (in) = 0.305m

1 inch = 2.54 cm

## Prefix

Mega - (M) =  $10^6$

Kilo - (K) =  $10^3$

milli - (m) =  $10^{-3}$

micro - ( $\mu$ ) =  $10^{-6}$

nano - (n) =  $10^{-9}$

pico - (p) =  $10^{-12}$

## Strengths of Some Common Acids/Bases

Acids/Bases	Normality
1. Hydrochloric acid (HCl)	11.6
2. Acetic acid (CH <sub>3</sub> COOH)	17.5
3. Nitric acid (HNO <sub>3</sub> )	16.0
4. Sulphuric acid (H <sub>2</sub> SO <sub>4</sub> )	36.0
5. Orthophosphoric acid (H <sub>3</sub> PO <sub>4</sub> )	45.0
6. Ammonium hydroxide (NH <sub>4</sub> OH)	15.0

# Index

## A

AFDW

$\alpha$

-diversity

Alkalinity

Ammonium purpurate

Acetic acid

## B

Barium

Biomass

Brays reagent

## C

Chlorophyll a

Cobalton's Chloride

Conductivity

## D

Darco-G

Dessicator

Diet Breadth

$D_{\max}$

DW

## E

EDTA

Electivity Index

Erichromic Black –T

Evenness

## F

Flame photometer

Formalin

Fullness Index

## **G**

GPP

## **H**

$H_{\max}$

## **I**

Iodine

Ichthyoplankton

## **K**

Kjeldahl

## **L**

Lugol's solution

Lacky

## **M**

Manganous

- sulphate

- dioxide

Methyl

- alcohol

- orange

- red

Micro mhos

Microcrustacea

Monocalculative

Mohr's salt

## **N**

Neutral

NTU

Nano plankton

NPP

## **O**

Organic matter

Orthophosphate

## **P**

Phenolphthalein

Phenotype

Photosynthesis

Porcelain crucible

Potassium

-dichromate

-permanganate

Pycnometer

## **R**

Rotifer

## **S**

Sedgwick-Rafter

Similarity index

Shannon-Wiener

Species diversity

Spectrophotometer

Starch

Stomach

## **T**

Total

- dissolved solid

- dissolved volatile solids

- solid

- volatile solids

Turbidity

## **V**

Vernier Caliper

## **W**

Whatman

-No 42





## Professor Debangshu Narayan Das



Professor Debangshu Narayan Das is currently holding the office of the Dean, Faculties of Sciences, Engineering & IT, Rajiv Gandhi University, Ronohills, Doimukh, India. His broad areas of research cover finfish biology and fish and fisheries of eastern Himalayas. Currently his laboratory is involved in the documentation of fish genetic diversity and conservation of threatened wild fishes, eco-biology of wild food and ornamental fishes, aquaculture development in hill wet rice lands, application of fisheries IKS and location specific refinement and fish biotechnology. Professor Das has to his credit several nationally funded projects and memberships to reputed biological societies. His total publication in national and international journals is more than 80.

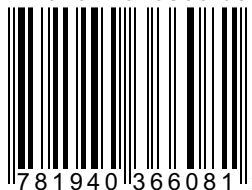
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