

# Basic knowledge of Civil Engineering

## About Civil Engineering

### Basic of Civil Engineering -

- 1] Weight of steel —  $\frac{D^2}{162.2} \text{ kg/m}$
- 2] Weight of steel —  $\frac{D^2}{533} \text{ kg/ft}$
- 3] Size of concrete testing cube —  $\frac{150 \times 150}{\times 150} \text{ mm}$
- 4] Concrete cube filled in — 3 layers
- 5] Minimum thickness of shear wall — 150mm
- 6] Maximum thickness of shear wall — 400mm
- 7] Slump cone is filled in — 4 layers
- 8] Slope of staircase — 25 - 40 degree
- 9] Minimum % of steel column — 0.08%  
of cross area.
- 10] Maximum % of steel in column = 6% of  
cross Area.

# Civil Engineering Basic Knowledge

**Jessica J Manson**



## **Civil Engineering Basic Knowledge:**

## The Enigmatic Realm of **Civil Engineering Basic Knowledge**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Civil Engineering Basic Knowledge** a literary masterpiece penned by a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting affect the hearts and minds of those who partake in its reading experience.

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