Downitoaded from www.studiestoday.com  XI - Assignment No. 6 - Relations and Functions
D- graphs of Functions
Draw the graphs of the following functions:
1 Identity Function
$f: R \rightarrow R: f(n) = n, n \in R$
2. Constant Function.
$f: R \rightarrow R: f(n) = 5$ (Any Constant), $n \in R$
3. Polynomial Function
$f: R \rightarrow R: f(n) = n^2, n \in \mathbb{R}$
4 Rational Function
$f: R \rightarrow R: f(n) = \frac{1}{n}, n \in \mathbb{R}$
5. Modulus Function
$f: R \rightarrow R: f(n) = (n), n \rightarrow \infty$
6 Signum Function
6 Signum Function $f: R \rightarrow R: f(n) = \begin{cases} 1 & \text{if } n > 0 \\ 0 & \text{if } n < 0 \end{cases}$ $-1 & \text{if } n < 0 \end{cases}$
J if n < D form
7. Greatest Integer Function nor by
$f: R \rightarrow R: f(n) = [n], near$

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