**Variables –**

For Case 1 –

Where the notations correspond to the following variables:

|  |  |
| --- | --- |
| **Notations** | **Variables** |
|  | Gross value added by the agricultural sector at 2011-12 prices (in Rupee crores) |
|  | Gross fixed capital formation by public sector in agricultural sector (crops + livestock) divided by total cropped area (in million hectare) at 2011-12 prices (in Rupee crores) |
|  | Gross fixed capital formation by the private sector in agricultural sector (crops + livestock) divided by total cropped area (in million hectare) at 2011-12 prices (in Rupees crore) |
|  | Gross irrigated area (in million hectare) |
|  | All India fertiliser consumption in terms of nutrients (N, P & K), in thousand tonnes divided by total cropped area (in million hectare) |
|  | Total (short-term and long-term) direct institutional credit for agriculture and allied activities (in Rupee crores), deflated to 2011-12 prices using Wholesale Price Index- Primary Articles (WPI-PA) divided by total cropped area (in million hectare) |
|  | Per capita net availability of food grains per annum in India (kilograms per year) |
|  | Random error term |
|  | Slope |
|  | Intercept |

For Case 2 –

Where the notations correspond to the following variables:

|  |  |
| --- | --- |
| **Notations** | **Variables** |
|  | Gross value added by the agricultural sector at 2011-12 prices (in Rupee crores) |
|  | Gross fixed capital formation by public sector in agricultural sector (crops + livestock) divided by total cropped area (in million hectare) at 2011-12 prices (in Rupee crores) |
|  | Gross fixed capital formation by the private sector in agricultural sector (crops + livestock) divided by total cropped area (in million hectare) at 2011-12 prices (in Rupees crore) |
|  | Gross irrigated area (in million hectare) |
|  | All India fertiliser consumption in terms of nutrients (N, P & K), in thousand tonnes divided by total cropped area (in million hectare) |
|  | Total (short-term and long-term) direct institutional credit for agriculture and allied activities (in Rupee crores), deflated to 2011-12 prices using Wholesale Price Index- Food Articles (WPI-FA) divided by total cropped area (in million hectare) |
|  | Per capita net availability of food grains per annum in India (kilograms per year) |
|  | Random error term |
|  | Slope |
|  | Intercept |

For Case 3 –

Where the notations correspond to the following variables:

|  |  |
| --- | --- |
| **Notations** | **Variables** |
|  | Gross value added by the agricultural sector at 2011-12 prices (in Rupee crores) |
|  | Gross fixed capital formation by public sector in agricultural and allied sector divided by total cropped area (in million hectare) at 2011-12 prices (in Rupee crores) |
|  | Gross fixed capital formation by the private sector in agricultural and allied sector divided by total cropped area (in million hectare) at 2011-12 prices (in Rupees crore) |
|  | Gross irrigated area (in million hectare) |
|  | All India fertiliser consumption in terms of nutrients (N, P & K), in thousand tonnes divided by total cropped area (in million hectare) |
|  | Total (short-term and long-term) direct institutional credit for agriculture and allied activities (in Rupee crores), deflated to 2011-12 prices using Wholesale Price Index- Primary Articles (WPI-PA) divided by total cropped area (in million hectare) |
|  | Per capita net availability of food grains per annum in India (kilograms per year) |
|  | Random error term |
|  | Slope |
|  | Intercept |

For Case 4–

Where the notations correspond to the following variables:

|  |  |
| --- | --- |
| **Notations** | **Variables** |
|  | Gross value added by the agricultural sector at 2011-12 prices (in Rupee crores) |
|  | Gross fixed capital formation by public sector in agricultural and allied sector divided by total cropped area (in million hectare) at 2011-12 prices (in Rupee crores) |
|  | Gross fixed capital formation by the private sector in agricultural and allied sector divided by total cropped area (in million hectare) at 2011-12 prices (in Rupees crore) |
|  | Gross irrigated area (in million hectare) |
|  | All India fertiliser consumption in terms of nutrients (N, P & K), in thousand tonnes divided by total cropped area (in million hectare) |
|  | Total (short-term and long-term) direct institutional credit for agriculture and allied activities (in Rupee crores), deflated to 2011-12 prices using Wholesale Price Index- Food Articles (WPI-FA) divided by total cropped area (in million hectare) |
|  | Per capita net availability of food grains per annum in India (kilograms per year) |
|  | Random error term |
|  | Slope |
|  | Intercept |