

Ans. Unnecessarily enormous

The popⁿ of India increasing rapidly. Some scholars called it the stage of population explosion. The rapid rate of popⁿ growth ^{can} be proved ~~can~~ by foll^w data

<u>YEAR</u>	<u>TOTAL POPULATION</u>
1872	23.6 crore
1901	23.8 "
1911	25.2 "
1951	36.1 "
1971	54.8 "
1981	84.4 "
2001	102 "

From 1872 - 1971 in these 100 years the popⁿ of India increases to about 31 crore & in the later 30 years (1971 - 2001) this popⁿ increased to 50 crore; which is sufficient to tell the explosion of population in India. In the 1st 50 yrs. of this decade about 12 crore popⁿ increased while in the last 10 years the popⁿ increases more than 18 crore. Thus in this decade (century 1901-2001) the popⁿ increases to 300%, while from various assumptions it is cleared that in last century (1872) the popⁿ of India can only become double.

The growth rate of popⁿ of India is very intense (rtal) visible in table given below :-

<u>Decade</u>	<u>GROWTH RATE</u>
1901 - 1911	0.56 % (per year)
1911 - 1921	1.25 "
1921 - 1931	2.23 "
1931 - 1941	2.11 "
1941 - 1951	1.93 "

⊗ Popⁿ GR is max. in 1961-71 urban popⁿ GR max. in 1971-81

From the data it is clear that there is a trend of negative decline in growth rate begins. Though after 1981 the growth rate decreases but still it is explosive as it is clear from the data of BR & DR.

<u>Decade</u>	<u>Birth Rate</u> (per 1000)	<u>Death Rate</u>	<u>Natural growth</u>
1901-1911	49.2	42.6	6.6
1911-1921	48.1	47.2	0.9
1941-1951	39.2	27.4	11.8
1961-1971	41.2	18.9	22.2
* 1971-1981	40.8	16.2	24.6
1991-2001	26	09	17

On the basis from the natural growth rate data the Indian popⁿ growth can be divided into foll^y 4 stages:-

- 1) Low growth rate stage - till 1921
- 2) Normal growth rate " - till 1951
- 3) Explosive " " " - till 1981-1981
- 4) Decline growth " " - till now i.e 1981-2001

* Low growth rate → In this condition BR & DR both are increased due to which actual growth rate was even less than 1%. Thus betⁿ 1911-1921 decade the popⁿ growth is negative. In 1911 total popⁿ in 25.20 crore which decreases till 1921 to 25.13 crore. The influence of epidemic & drought is the main cause of high D.R.

* Normal growth rate → It begins when there is some control over Death Rate. In India the extension of medical facilities, industrialization, urbanisation controlled the popⁿ growth. 1921-1951 the annual growth rate was never more than 2%. While after 1951 it everytime more than 2%. The growth rate more than 2% is called as explosive increase. The extension of medical facilities is mainly responsible for this growth. In 1901 the avg. age of India is 23 years which now increases to about 44 yr. age. Due to extension of medical facilities control over B.R. is possible but in comparison to DR BR is still very high. Family planning lead to decrease in B.R. which is not its real purpose.