

Measurement & Population Control Schemes for Bank & SSC Exams

A **discrete group of people, animals or any beings that can be identified by at least one common characteristic**, is how we define a **population**. We have learned in our school chapters that the **global population estimate is around 7.5 Billion**. A country's population determines its prosperity and strength, neither too high nor too much population is fruitful for any country. There are various aspects related to the population like **Population Growth Rate, population explosion, population decline** and **population measurement** etc. In exams like **SSC CHSL, SSC CGL, SSC MTS, IBPS PO, IBPS Clerk, IBPS SO, IPPB Sc. I, LIC AAO, and other government exams** human population related questions are very much in trend as a part of the **General Awareness** section. Therefore it is important that you understand terminologies, measurement techniques and schemes related to **Human population**. Let's first understand various **terminologies related to Demography** and then move forward to understand and learn measurement and population control schemes for Bank and SSC exams.

1. Terminologies - Measurement & Population Control Schemes for Banks

Before we get on to understanding the population measurement techniques and various control schemes, let's understand some basic terms related to population measurement and population control schemes for bank and SSC exams.

- **Demography** - the study of quantitative as well as qualitative aspects of human population growth.
- **Natality (Birth rate)** - the promotional number of birth taken place in a population in a time span. It used to calculate the dynamics of a population.
- **Mortality(Death rate)** - the promotional number of birth taken place in a population in given amount of time, also a factor that contributes to determining the population Growth Rate.
- **Emigration**- the act of leaving one country and settling in other is known as emigration, it causes a major decline in the Growth Rate.
- **Immigration** - the act of people moving in a country and settling. It increases the Growth Rate abruptly.

2. Current Population Status in India

- India occupies the **2nd position** in the list of countries in terms of its population.
- The total land area is **3,287,263** sq km.
- According to the latest **United Nations estimates** the **current population of India** is **1.311 billion (2015)** which is equivalent to **17.86%** of the world's population.

3. Measurement & Population Control Schemes for Bank & SSC

- In order to view the impact of **human activity on the Earth's surface**, it is important to measure the population changes.
- Population change can be measured in **Arithmetic (Linear), Geometric, Exponential, and Logistic ways**.

- Comparing population trends using only statistics would be very difficult. Therefore there are ways to visualize statistical data to reveal meaningful geographic information.
- **Geographers use maps** to display, analyze, and compare demographic data like **Natality**, **Mortality** of different places.

Formula for Measuring Population Growth Rate is -
[(Natality + Immigration - Mortality + Emigration)]

4. Population Control Schemes in India

In a recent prospectus, **United Nations** has stated that the population in India will be approximately **1419 billion** by the year **2022**. Indian government has adopted many measures in order to mark a substantial decline in the population rate under the banner of **Family Planning programme**. And the results are worth quoting as there is a substantial decrement in our population status.

On-going interventions in India for Population Control Schemes

1. The celebration of **World Population Day on 11th July** & Fortnight.
2. Spacing methods like **IUCDs** are being implemented.
3. **Quality care in Family Planning** services by establishing **Quality Assurance Committees** at the state and district levels.
4. **National Family Planning Indemnity Scheme (NFPIS)**
5. **Compensation Schemes**
6. Increasing **male participation and promotion of Non-Scalpel Vasectomy**.



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7. **Miniap Tubectomy** services are being implemented because they are simple and can be performed by merely an MBBS doctor.
8. Scheme for **Home delivery of contraceptives by ASHAs** at the doorstep of beneficiaries.
9. **Reproductive Maternal New Born and Child Health (RMNCH)** ensures counseling of the clients.
10. **Scheme for ASHAs to ensure spacing in births** - counseling is given to newly married couples to ensure delay of **2 years in birth after marriage** and couples with 1 child to have a **spacing of 3 years after the birth of 1st child**.
11. **Prerna Strategy** - this strategy was launched in order to push up the age of marriage of girls and delay in first child and spacing in second child
12. **Santushti Strategy** - invites private sector gynecologists and vasectomy surgeons to conduct sterilization operations.
13. **National Helpline** - Our government is running many call centers for providing free advice on **reproductive health, family planning, maternal health and child health** etc. It is a **Toll-free no. is 1800116555**.

As of now, you have read about Population related terminologies, current population status in India, measurement and population control schemes for Bank and other government exams.

Know about other important personalities and topics which are expected to be asked in Current Affairs Section of various Government Exams.

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