

Q: Nov 15, 2022 will be a historic date in humanity's history because at this ~~time~~ date the Earth population reached to the 8 billion mark. Critically discuss ~~at this date~~ 21<sup>st</sup> century is a century of rapid population growth which has devastating negative impact in the world. Explain the several consequences of rapid population growth which will affect to every country.

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Ans: Introduction:  
On Nov 15, 2022, world population reached to 8 billion. In 21<sup>st</sup> century we are adding 1 billion people after fifteen years. The world is facing the negative impacts of rapid population growth such as climate change, food crisis, conflicts, unemployment, and many more. There are several causes of this exponential growth of population such as

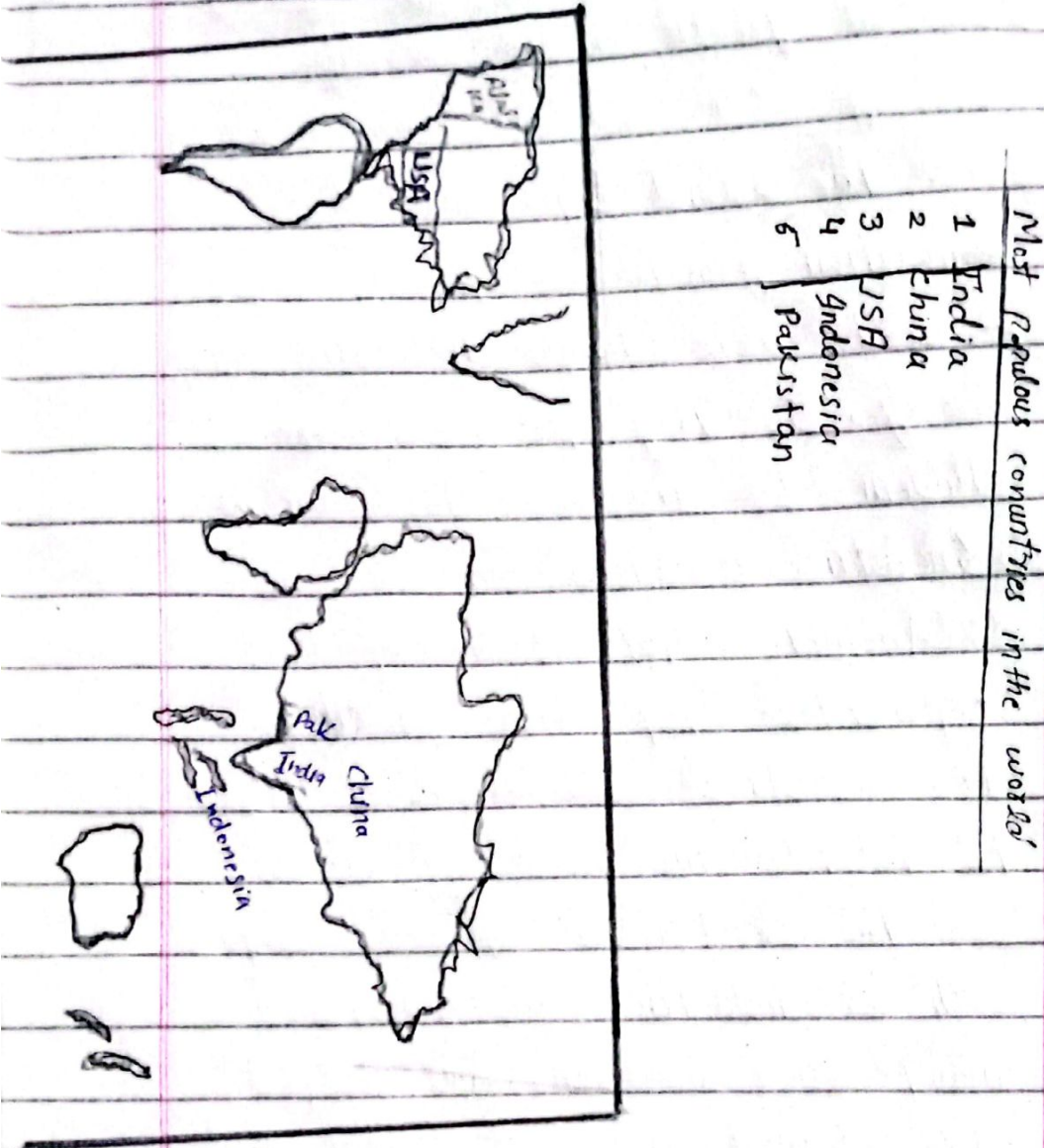
low birth rate, illiteracy, migration, and many others. The world is facing severe consequences which are both positive and negative. If we adopt some strategies then we can control the exponential growth of population.

### Overview

In 1900, world population was almost 1 billion. After 30 years, the world population reached 2 billion in 1930. Within the 50 years, the world population had become doubled, it crossed the digit of 4 billion. In 2011, the world population reached 7 billion. Just after 11 years, the world population reached 8 billion on 15 Nov 2022.

This trend shows that how fast the world population is growing. If the same trend continues then the earth's mass will be equal to population mass because we are adding 1 billion people after

every 15 years



## Causes of population growth

### ① Illiteracy

The first cause of population growth is illiteracy. People are not aware about the ~~de~~stive

consequences of overpopulation. In developing countries like Pakistan where around 40% of its population is illiterate. So it is big cause of population growth in the world.

(ii) Poverty:

The second big cause of population growth is poverty. People need more hands to earn their money. So they produce more children to increase their income.

(iii) Industrial revolution:

Another major reason of exponential population growth is the industrial revolution. It helped to fulfill the needs of human. So the development of technology, such as industries, machines, and many other innovations has helped to increase the food supply which helps to encourage people to grow population.

There are many other causes but these are the major reasons of huge

growth of population.

## Negative Impacts of population growth.

There are several negative impacts of population growth in 21<sup>st</sup> century but the most notable of them are as follows.

### (i) Climate Change.

The biggest threat to human is climate change. The exponential growth of population is one of the big causes of climate change. Because humans performed such activities which increase the concentration of green house gases in the atmosphere. So they help to change the climate which is a big challenge for human in 21<sup>st</sup> century.

### (ii) Deforestation:

As human are growing day by day. So they also need houses for live and require land for agriculture to fulfill the

demand of food. So rapid population growth leads to deforestation.

iii) Inflation:

As human <sup>population is</sup> growing rapidly, so they need more food and other items to fulfill their needs.

As the need of items will increase, the more inflation will occur & negatively impact the human.

iv) Conflicts will occur

As the exponential growth of population leads to conflicts and wars. Because the rapid growth of population <sup>becomes the</sup> cause of war because they require more water, food, land, and many other facilities to serve their nation. So, countries have been showing their concerns over water, population, and land etc.

v) Unemployment:

Population growth is a cause of unemployment. As the population grows, the workforce also grows. If workforce ~~increases~~ crosses the demand

then it results of unemployment

## Severe Consequences of Rapid Population Growth:

Large population provides both advantages and disadvantages as well.

## Positive Consequences of Rapid Population Growth:

There are many positive consequences of Rapid population growth but the most important are as follows

### (i) Efficient use of resources:

As population is growing very fast so the demands of human needs also increase

This leads the world to efficiently use all natural resources. It prevents all from wasting natural resources such as water, food etc.

### (ii) Development of advanced technology.

As the population grows so it also ~~help~~ produce more intelligent and competitive people. These people will help to produce more advanced technologies which will bring comfort

and peace for humans

(iii) Large scale of economy:

~~its~~ Rapid population growth also helps to increase the volume of economy. World two largest economies such as USA, and China which are the 3<sup>rd</sup> and 2<sup>nd</sup> world most populous countries in the world.

Negative Consequences of Population growth:

Most notable negative consequences of population growth are as follows:

(i) Food Crises:

Rapid population growth is the major cause of food crisis. As the population grows, the demand for food also grows. Resultantly poor people becomes unable to afford two times meal a day. For example, the hunger index of Pak is 102 in 2023.

(ii) Disease and Pandemics.

Rapid population growth challenge



the equal access to health facilities. Covid-19 is an example where states failed to provide equal access to health facilities.

### (iv) Loss of Agriculture Land

Rapid growth in population will lead to loss of agriculture lands.

Because people will build houses and buildings on agriculture lands.

So this may result to food crises.

<sup>China and</sup>

UK are ~~an~~ examples where these countries are dependent on other countries for food.

### Conclusion:

Hence, it is shown that rapid population growth poses more threats and challenges to humanity.

If population growth trend remains the same, it will become

a challenge for the whole world. So we should take

some important steps to control the growth of population.