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# Brain drain in Pakistan and its effects.

## Outlining

### I. Introduction

Thesis statement. Brain drain is a flight of people, intellectuals, educated and skilled from developing countries to developed ones. It has a temporary benefits and a limitless loss.

### II. History of brain drain in Pakistan

#### III. Reasons behind the brain drain

- (a) persistent economical and political instability in the country.
- (b) Lack of attractive jobs and low wages.
- (c) Rampant terrorism and extremism in the country.
- (d) Lack of true sense of democracy.
- (e) Lack of quality and research education.
- (f) Lack of health and clean drinking water, unemployment, poverty and inflation.

#### IV. Impacts of brain drain in Pakistan

- (a) Slowdown economic growth.
- (b) Human capital loss.
- (c) Shortage of professionals in health and education sector.

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- (d) Temporary economic growth in palestine
- (e) Decline in population

#### V. Solution and recommendations

- (a) Ensure political and economic stability
- (b) Removing terrorism and extremism
- (c) Ensure true sense of democratic system
- (d) Increase job opportunities and wages
- (e) Ensure equality and standards in education, research, recreation

#### Conclusion

Intellectuals and their intellectual ingenuity are necessary to push forward the country to progress, development and prosperity. According to Mir Hassan, throughout the history, ~~in~~ in a society or civilization, revolutionary minds have been responsible for pioneering countless groundbreakers and innovation to push forward the societies in an advantage (be it political or strategic) over the rivaling society, state or nation. Intellectual minds and their intellectual ingenuity is necessary for progress, development and prosperity of a society. In fact, even plato went so far as to say that societies

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should be ruled by intellectuals. But what happens when the intellectuals who start to abandon it for another? What happens when the intellectuals who are supposed to the future of a country when decide to leave and become the future of the rival state, instead? The result is brain drain in a state or society educated people move from one region to another.

In labyrinth Pakistan's socioeconomic landscape casts long and daunting shadow. Brain drain is a migration of people from developing country to developed countries for their economic, social and political opportunities as well social security benefits. It has significant impacts on economic growth and other sectors like, health and education while it has positive effects e.g. foreign remittance and decline in population of the country as well.

Brain drain is a significant crisis to Pakistanis facing. From the last couple of decades. In 2003, According to Remigration and Overseas Employment of Pakistan 805000 people left the country up to November. Highest was exodus done in

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2015 with 9 lac people left the country. Pakistan is a home to 69 percent of the population upto 20 years who are set to abroad. Brain drain started in Pakistan since 1971. More than 13 million people left the country according to (ILO/EP). Mostly Pakistanis are living in middle East. Brain drain is the main hindrance in the economic growth of the country.

One of the major reasons of the brain drain in Pakistan is political and economic instability. Both have been persistent in Pakistan from the last couple of decades. But in recent years it has further aggravated. For example in first 9 years Pakistan was run without the constitution and 7 PMs ruled in this short period of time. From 1958 to 1971 no PM came into power even no elections were conducted in this period. An opportunity in the short period of time was given to grow democratic system and on 5 July 1976 martial law imposed for 10 years. Four governments were toppled respectively from 1988 to 1999 martial law was imposed in 1999. This political instability is responsible for economic instability in the country. Economic

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Instability is a persistent issue of the country from the last couple of decades. At a time when Pakistan gave loan to Turkey and other countries but due to economic instability in the country plagued to economic crisis. This economic crisis led to challenges the country. During the fiscal year 2022-23 Pakistan total export was 99 billion dollars and total import was 46 billion dollars. Import is an economic driver due to heavy imports and loss export the country's foreign exchange reserves depleted to 4 billion dollar in the mid of the year 2023. Due to political instability foreign direct investment was flight from the country which led to economic slowdown of the country. which led to mass exodus of the population educated, skilled and intellectual.

Another major reason of the brain drain in Pakistan is lack of attractive job opportunities in the country. Political instability led to economic instability. Economic instability led shortage of attractive job opportunities in the country people lost their job and having low wages at job opportunities. which compelled

the people to think abroad for job opportunities and employment in developed countries. At this time 64 percent of the population is under the age of 30 years which suffering from severe unemployment in country. Skilled and educated people are migrated from

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Terrorism started in Pakistan in late when Soviet invaded Afghanistan. USA supported the Taliban and Pakistan also supported the Taliban which caused the Pakistan war. Following the 9/11 massacre plunged the country into Afghan war on terror against Taliban in 2001. Pakistan suffered a huge loss of economy and a large number of people lost their lives in war on terror against the Taliban in Afghanistan. Recently

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the people to think abroad for job opportunities and employment in developed countries. At this time 64 percent of the population is under the age of 30 years which is suffering from severe unemployment in the country. Skilled and educated people are migrated from Pakistan to those countries having reasonable wages and job security. Further defined working hours in those countries, consequently lack of attractive job opportunities led to brain drain in the country.

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an increase came to terrorism in Pakistan in 2023 since 2014. 1500 people lost their lives in the ongoing year. Most deadliest incident took place in Peshawar Police Lines Mosque that took nearly 100 lives of the people. Another similar type of incident happened in Balochistan's district Kalachi in which 23 army troops embraced ~~right~~ martyrdom and 3 civilians lost their lives. In short terrorism in the country pushed the educated people abroad.

Another major reason of the brain drain in Pakistan is bad governance in Pakistan and lack of democracy in the country. All the pillars of the state have failed to serve the people under the constitution of Pakistan 1973. Judiciary has failed to perform its constitutional responsibility to provide justice to the people of the country. For example schism in Supreme Court judges on the issue of 500 rupee notes. Legislature has failed to making laws friendly of government and people. Due to this variance between public and government is getting ~~more~~



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increased day by day. Finally, executive has also failed to implement the law in true letter and spirit. Further law enforcement agencies have failed to provide security to the people of the country. The situation became unrest and uncertain in the country causing various issues in the country which already facing challenges economic and political. In brief pillars of the state have failed to provide relief to the citizens and using persecution against the citizens leading to brain drain highly skilled, education and qualified.

Lack of quality education is also causing brain drain in Pakistan. Highly talented minds wish to get education in abroad due to non availability of quality education in the country. According to Economic Survey Report 2020-23 the country has 847 universities, public and private, no one came under Q1 ranking among the five hundred universities in the world. Another loophole in education system of Pakistan is that lack of research centers in Pakistani universities. No the higher education

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~~Education~~ Commission has taken steps to establish research centers in the country. Further low education budget is allocated in the country as in FY 2023, 1.7% of the GDP was allocated to education sector, which is alarmingly low than fiscal year 2022, 2.2% of the GDP. Moreover, Pakistan has world's second out of school children after Afghanistan. 8 million children are out of school in the country between the ages of 5 to 16. All these factors are responsible for brain drain in the country.

Social issues have also contributed to brain. Lack of quality treatment and unemployment. Further poverty and inflation have also contributed to the brain drain in the country. According to National Institute of Health, more than six million doctors and staff went to abroad during the period ~~from~~ from 1971 to 2000 which is the limitless loss at the health sector. Doctors and professionals have not been paid according to their skills and ability. Then they think to abroad where better medical facilities and modern equipment for

~~Example~~ example use of Artificial Intelligence in diagnosing the diseases. Unemployment, poverty and inflation also responsible for brain drain in the country. Pakistan is home to a 64% population under age 30 years, suffering from poverty and unemployment. According to Economic Survey of Pakistan FY 2023 unemployment in Pakistan is 6 percent and increasing in the coming coming due to covid and deadly flood in 2022 it further aggravated. According to source of Dawn Newspaper, 40% of the population is living in poverty and 24% of the population living below the poverty. Per capita income decreased by 176% to 156%. All these factors compel the the educated and skilled people to go abroad for their better economic opportunities and better living conditions.

There are multiple effects of brain drain in the country. One of the major reasons of ~~the~~ slowdown at the economic growth of a country, when skilled profession and intellectual minds decide to leave the country. The country faces shortage of skilled and professional people in every sector of the life. For example

when experts people leave a country which ~~invest~~ invest in them ~~to~~ to utilize their skills. So, one of the significant effect of brain drain is slowdown economic growth due mass exodus of professionals and skilled people in the form of human capital loss.

Another effects of brain drain in a country is that shortage of people in education sector and health sector leading to collapse of the education system and health sector. According to National Institute of Health 500 million doctors and staff were left Pakistan from 1971 to 2009 which is the limitless loss of the country in education and health sector which are already facing multiple challenges. Every now and then young doctors in Pakistan make protest for high wage and perks when they are disappointed by their government they think to go abroad for their better future and better job security in developed countries. Shortage of health professionals and educationists experts lead the both sector to collapse. As per estimated for 1300 is a one doctor in.

in the country. Brain drain has further ~~the~~ deteriorated the condition of health and education sectors of Pakistan.

Brain drain has positive effects to the country as foreign remittances. As expatriates send remittances to their home country for their family. It contributes to better living condition of the people of Pakistan as well as benefits the economy of Pakistan. According to Economic Survey Report for fiscal year 2022-23 foreign remittances received by the country is ~~28~~ 28 billion dollar in comparison in 2021 26 billion dollar and in 2020 Pakistan received 30 billion dollar. Hence brain drain has some positive effects in the country in the form of remittances.

Another positive effect of brain drain in the country is that it leads to decline in population in the country rapidly. Overpopulation is the major crisis of the country causing challenges in the way of administration. As per EOEP 13 million people went abroad which declined the burden of over population in

in the country. Another benefits at brain drain is spreading the culture of Pakistani society among the foreign countries. According to UN Pakistan has world sixth largest diaspora.

Brain drain can be stopped by taking different measures. First of all, the authorities should improve economic opportunities in the country and better job security. It is a potential that if economic condition is improved brain drain in the country will be stopped and people started to return to their home country as they would get better economic opportunities in their home country.

Another step should be taken by the authorities is that all the pillars of the state should perform their duty and responsibility in the constitutional domain. ~~\_\_\_\_\_~~ should be independent to provide judiciary justice to the ~~\_\_\_\_\_~~ people. Second legislature should play its better in forming the laws in favour of the people so as to more relief to be provide to the citizens of the country. Thirdly Executive should also play its better role to implement all the laws.

in true letter and spirit and law enforcement agencies should provide security to the citizens. In this context, the country has taken a good step of initiating National Security Policy at Pakistan 2000-2006 in which the security area has been broadened to food security, economic security, human security and energy security.

The country should improve its educational standard at par with the international standard. It is not possible without the increase in education budget. According to UN the education budget of a country should be 4 to 5 percent of the GDP. Pakistan has potential to improve its educational standard. In this regard Single National Curriculum policy has been introduced to make uniform education system in the country. The education ministry and department should establish research centers in universities at the country.

The govt. at Pakistan should create attractive jobs to stop brain <sup>drain</sup> in the country. The authorities should increase the wages of working hours in the country ~~so~~ so that the brain drain could be stopped.

In conclusion brain drain is a limitless loss of temporary advantage of a country. Its negative effects are human capital loss. Losses of experts in various sectors like health, education, engineering and industrial sector. But it has also positive impacts to a country in the form of foreign remittances and decline in population in the country. Pakistan has potential to eradicate the brain drain issues by improving education sector health sector. Further, the ~~authorities~~ authorities should increase attractive job opportunities and reasonable wages to be provided to the citizen of the country. So that the country could exploit its young and educated, talented minds for the economic growth of the country.