

General instructions to be followed to pass essay

1- Spend time on rightly comprehension of the topic, you won't pass the essay unless and until you addressed the asked part

2- Try to make your main heading in the outline from the words in the question statement

3- Try to add hook in the introduction. The length of introduction must be of 2 sides

4- your topic sentence in your argument must be aligned with the ending sentence

5- Avoid firstly, secondly, thirdly etc. in outline always provide proper headings

6- add references in your arguments with proper source. Go for diversification of references

7- Do not add new idea or point in Conclusion

8- You won't pass the essay if make more than 4-5 grammatical mistakes

9- outlines that are not self explanatory or does not aligned to with the essay statement are liable to mark 0 and the essay would become null and void

10- always try to be relevant to the topic, if even your 1 or 2 arguments are irrelevant, the examiner would not pass your essay.

DATE:

Disaster Management in
Pakistan: Challenges
Way Forward

outline

1- Introduction

1.1- Hook

1.2- General Statements

1.3- Thesis Statement

2- Challenges

2.1- Inefficient institutions for
Disaster Management in
Pakistan

2.2- Climate Change induced
natural disasters

2.3- Limited Resources
for Disaster Preparedness
and Response

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~~2.4- Bad Governance and institutional capacity constraints.~~

~~3Way Forwards~~

You haven't understood the topic at all.

~~3.1- Increasing Budget for~~

You are providing me the causes of disasters and ways forward for it.

~~3.2- Disasters Risk Reduction~~

You are not presenting points pertinent to the topic.

~~and early Warning System like Developed Countries~~

Must work on your topic comprehension

~~3.3- Climate resilient infrastructure and Land Use~~

Improve your phrasing and expressions

~~3.4- Adopting Sustainable~~

Words selection must be improved

~~projects in Drought prone areas~~

Must attend the tutorial session for further suggestions and mistakes

~~3.5- Community based adaptation initiatives and spreading Capacity building awareness~~

~~conclusion~~

Essay

"We cannot stop natural disasters, but we can arm ourselves with knowledge. So many lives would not have to be lost if there was enough disaster preparedness". Pakistan is one of the most disaster-prone countries in the world. A disaster is a sudden, unfortunate extreme event, either natural or man made, that exceeds the tolerable limits sometimes.

~~Disasters have the potential to cause loss of lives and property. The types of disasters like Tsunamis, floods, hurricanes, wildfires, earthquakes and droughts. Like other Asian countries Pakistan is facing challenges in disaster management like inefficient institutions.~~

Immature writing style

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Preparedness, Global Warming
a man-made cause of disasters.
Limited resources and inefficient
of immediate response.
Similarly bad governance could
fuel the fire. Disasters can
not be controlled fully but
by adopting strategies their
harm could be decreased
like by increasing budget,
by developing risk reduction
strategies. Also, by climate
change and reduction in global
warming, by adopting sustainable
projects and also by
spreading awareness with
the help of community to
mitigate the spreading on
thing which cause Global
Warming. Pakistan disaster
management framework faces
significant challenges. in
addressing the increasing

frequency and severity of natural disasters, necessitating the paradigm shift towards proactive risk reduction and enhanced institutional capacity.

To ensure sustainable development and protect human life, Pakistan must prioritize community-led resilience initiatives, strengthen disaster management institutions, and integrate risk reduction and development in planning.

Pakistan's institutions are inefficient. In 2018, a Pakistani professor named Faruk A. Khan issued

No Argumentation at all. Your own thoughts are missing
a warning about public institutions. He said "Pakistan suffers from institutional failure. Failed institutions are unable to correct the

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problems faced by the society, which eventually leads to the economic failure. According to data based on World Bank world wide governance Pakistan's score in 2023 was **-0.58** which was very lowest as compared to the entire world. As the five men scrambled on to a big rock in the middle of the suddenly gushing torrents in Lower Kohistan. The five men waited for over three hours but they were not rescued even by multiple calls by the various people. Also the same kind of risk happened on **22 June 2025** in Swat river, a flash flood swept

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away the people including women and children but they were not rescued. 13 lives in this swept were lost. If there would be effective institutions, there would be no loss of lives.

As of 2023, while Pakistan heavily relies on glacial melt for its freshwater supply, there are significant gaps in monitoring and data collection regarding the state. These limitations are the hindrances in policy making and management system. Pakistan is a country which is surrounded by one of the largest countries of the world i.e. China and India. The climate change is caused by the

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The emission of Carbon.
World largest carbon emitter
China is our neighbour
which emit **30%** of
the world carbon in
the environment. Similarly
India is also spreading
its carbon in environment.
This directly hit Pakistan's
environment. Chairman **NDMA**
(National Disaster Management
Authority) gave report to
public Account Committee
(PAC) on 26th August
2025 that there are
7500 glaciers in Pakistan.
If the temperature rises
2°C annually then
in next **52** years
65% of the glaciers
will melt down. This
melting creates imbalance
in the Pakistan prospects,
economy and management. man-

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made disasters are directly linked with the global warming and Pakistan is one of these hitting countries.

A disaster can happen at any time, it could be small fire or it could be a huge earthquake. It can destroy one's home and everything which one loves. ~~None~~

one knows when the disaster is going to strike, but there are things we can do to minimize the damage. Technology is an important tool to minimize the disaster management. The leading cause of the people over the world is the natural disasters or the man made disasters.

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In September 2025, land sliding in Sudan is example of huge disaster which crushed the whole village under the soil and mountains but lack of availability of resources add fuel to the fire. A rough estimate in floods of 2022 in Pakistan loss 131.7 billion. Also, in 2025 floods estimate is being taking place by the government. Rivers flow from north to south is unpredicted because of India. India violates Indus Water Treaty resultantly the floods affects Pakistan's whole infrastructure. Lack of construction of dams and canals which dissipate the water intensity from

India, Pakistan is missing the facilities and preparedness. Disaster management institution 1122 is trying to put its effort to mitigate the loss of disaster but development in disaster management is needed.

There is no denying the fact that such abnormal changes in weather pattern are the main cause of disasters. Climate change is not a new thing. This is knocking at our door for preparedness of disasters. For example floods in 2022 and 2025. These floods are not one time occurrence in Pakistan. According to

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Federal Flood Commission
of Pakistan, Country has
faced **29** floods since
its independence in 1947.
Due to the recent floods
of **2015** almost **70%** of
our country was underwater.
In **2022** floods more
than **33** million people and
15% of population affected.
The full extent of the
damage is still unknown.
Officials have overlooked
an uncomfortable truth.
The destructive effects of
the flooding are exacerbated
by years of poor ecological
governance. Their devastating
consequences could have been
mitigated if the Pakistani
government had taken action
in the past few years.

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The National Disaster Management Authority has prepared contingency plans for various hazards, including floods, heatwaves and winter-related emergencies. For fiscal year 2024-2025, the climate budget estimate rose by 67% from the previous years. After 18th amendment the subjects given to the provinces disaster management was one of them. The province had not capacity to manage the disasters. At province level PDMA should be strengthened with the collaboration of NDMA and rescue 1122. Budget spending

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on disaster management should also increase to mitigate the losses by disasters.

Disaster risk reduction system like developed countries, for instance, in **Japan**, a country with high seismic activity, the government has invested in advanced earthquake early warning system. These systems utilize seismic sensors to detect the disaster at initial level and alerts the public for immediate reaction. It helps people to take proactive actions such as crouching, covering, and holding to reduce casualties and damages. Pakistan should also have to develop such mechanism to

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mitigate the losses by
disasters. Similarly in Taiwan
a building Taipei 101,
a damper of 660 ton
is suspended for decreasing
the intensity of
earthquake. Also, construction
on pillars which
covers the less area
and saves the lives
and property of the
people. Early warning
system in developed
countries are the
immediate remedies to
reduce the damage of
property and lives.

Climate change
is the man-made problem
which cause disaster. Pakistan
is most affected country
of the world. early
monsoon and unexpected
seasons which directly

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links the disasters. Pakistan should have to invest more on green energy like solarization and hydro power projects. An initiative by "Urban Pakistan" is one of the biggest vision to reduce the carbon emission. A country **Netherland** has invested in green infrastructure and spatial planning measures, such as creating flood plains and wetlands, to enhance natural resilience and reduce the impact of climate change on communities and ecosystems. By investing in green infrastructure such as flood plains, wetlands and flood barriers. For Pakistan, adopting similar approaches to land use

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Planning and climate resilient infrastructure is critical. Pakistan's cities and rural areas, especially in flood-prone zones, must prioritize the construction of climate change infrastructure such as flood barriers, drainage system, forestation, and sustainable urban planning to mitigate the impact of climate change.

One concrete example of sustainable agriculture projects in drought-prone areas is the implementation of drip irrigation system. The canal system in Pakistan is totally outdated, 60% of water is lost due to seepage. The implementation of drip irrigation system in drought-prone areas exemplifies the

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integration of sustainable agriculture practices to combat the effects of climate change on Pakistan's drought-prone regions, such as parts of Sindh and Baluchistan, promoting such irrigation techniques could significantly enhance the agriculture productivity. Further, more, these practices could foster long-term sustainability in agriculture and reduce dependency on erratic rainfall.

Community based initiatives and awareness in disasters is one the main

way forwards. For instance, in **Japan**, following the devastating earthquake and tsunami in **2011**, hospitals and clinics have developed dedicated disaster medical assistance teams (**DMATs**).

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These teams are equipped with specialized training and resources to provide immediate medical care. Similarly in coastal areas prone to cyclones and sea level rise, local organizations and government agencies in countries like Bangladesh have implemented training workshops and awareness campaign to educate residents about evacuation procedures, early warning systems and disaster resilience techniques. People nearer to the coastal areas and mountainous areas must be restricted to get training for first aid in disaster and even in syllabus these instructions should be taught in schools.

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In a nutshell, disaster management in Pakistan basically revolves around floods. With basic focus on rescue and relief. After each disaster episode, the government incurs constant expenditures directed at rescue, relief and rehabilitation. But, there are no long term institutional arrangements to address the disaster issues. But, there are possible ways to address the challenges and Pakistanis have the capacity to mitigate the losses by well psycho-social under the supervision of patriotic leaders which lead the nation to success. As Ralph Waldo says: "Not gold, but only man can make a people great and strong; Men who, for truth and honor's sake, stand fast and suffer long."