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Question 3:-

The recent floods have shown the ill preparedness of government at all levels. Explain the importance of Disaster Management for Pakistan?

Introduction:-

Pakistan is highly vulnerable to natural disasters such as floods, earthquakes, droughts, and cyclones due to its geographical, climatic and socio economic conditions. The recent flood of 2022 displaced over 33 million people, destroyed infrastructure and caused economic losses exceeding \$30 billion (World Bank Report 2023). These events highlight the urgent need for comprehensive disaster management at federal, provincial and local levels.

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As Coppola states in introduction to international Disaster management (2015)

"Disaster management is not just a response mechanism; it is a proactive system to reduce risks, protect lives and ensure resilience"

Importance Of Disaster Management For Pak:-

1:- Contextual Background

- 1: Definition Of Disaster Management:-
Systematic approach to reduce disaster risks through preparedness, response and recovery.
- 2: Geographical vulnerability:-
Pakistan lies in a multi-hazard zone (Himalayan earthquake belt, monsoon flood & drought-prone areas)
- 3: Historical Evidence Of Disasters:
2005 earthquake 2010 Super floods
2022 floods show recurring devastation.
- 4: Economic Burden:

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Disasters consume a significant portion of GDP straining national development budgets.

B: Importance Of Disaster Management:

- 5: Protection of human lives: Early warning systems and evacuation planning save lives
- 6: Infrastructure Resilience: Mitigation policies help strengthen roads, dams, and housing.
- 7: Economic stability: Reducing disaster losses contributes to sustainable development
- 8: Food and water security: Floods and droughts threaten agriculture; management ensures food security
- 9: Environmental sustainability: protects ecosystems and reduces climate change impact.

C: Governance & Institutional Role:-

Coppola D.P (2017) Introduction to Emergency Management Butterworth-Heinemann

- 10 National Disaster Management Authority (NDMA)
central agency for planning and coordination.

- 11: Provincial & local Role:-
strengthening Provincial DMAS (PDMA's)
and District authorities
- 12 International cooperation:
collaboration with UN agencies &
World Bank and NGOs.

D: Community & Societal Role:-

- 13:- Community Awareness Programs:-
Training local in disaster response
and risk assessment.
- 14 Use of Technology:-
GIS mapping satellite monitoring
and mobile alert systems.
- 15:- Civil-Military Coordination:-
Pakistan Army's role in rescue and
relief efforts.
- 16:- NGOs and volunteerism:-
strengthening partnerships with
humanitarian organizations.

E Long-Term Benefits:-

- 17 Climate change Adaptation:-
Disaster management integrates
climate resilience strategies

18. Sustainable Development Goals:
(SDGs):

Reduce poverty, improves infrastructure and promotes stability.

Conclusion:-

Pakistan recurring disasters reflect a pressing need for comprehensive disaster risk reduction (DRR) strategies. Disaster management is a lifeline for national security, economic stability and social resilience. As Haddow et al, write in introduction to Emergency Management (2017) world Bank (2023) Pakistan floods 2022 Post-Disaster Needs Assessment

"Preparedness and mitigation are investments that save far more than they cost" strengthening disaster management will not only save lives but also safeguard Pakistan's future