

## Question NO: 02

Define Flood and discuss its causes?

Answer:-

outline:-

Introduction

Definition

causes

Conclusion

### Introduction:

A large amount of water overflow into <sup>dry</sup> land cause flood. Flood also cause by both combination of natural and human activities which in results loss of life and resources.

### Definition:

Floods are one among the most devastating natural disasters, characterized



by overflow of water onto land which is usually dry. In Pakistan, floods are recurrent particularly in monsoon season and due to combination of both natural and anthropogenic factors.

## Causes of flood:

There are several causes of floods, some are given below.

### Meteorological Cause:

Meteorological phenomena is also a cause of flood such as, prolonged and intensive rainfall, cyclones, Typhoons, storms, tidal surges.

### Hydrological Cause:

It cause of flood by increased run off due to,



- ice and snow melt
- land change use, intensive agricul
- impermeable surface
- saturated land
- poor infiltration rates
- soil erosion

### Anthropogenic Cause:

Mankind

play an important role in the magnitude and frequency of the flood. Human activities that's are included are given below.

- Population growth
- Deforestation, Intensive agricultural
- urbanization
- Climate changes
- Global warming

### Conclusion:

Floods are natural disasters that also caused by human induced triggered. Floods can affect on economy as well as GDP of a country.



**Note:**

NOA  
Respected examiner, can you tell me that, should I need to start answer with **outline**? OR just in need to direct start with answer?

**Please,** share with me Paper pattern or suggestions etc.

**Does i need** → draw Border Lines

I am new/Fresh in CLS  
BS — so not have  
a lot of confusion

Like this  
↓  
Bcz, it consume time

Waiting For your suggestions

need for outline, intro and conclusion for 5 marks GSA answers.

yes, you should draw margin line for neatness.



## Question NO:02

(a)

**Briefly Explain Flood and its effect?**

**Answer:**

**Definition:**

Floods are one among ~~devastate~~ devastating natural disasters, characterized by overflow of water onto land, usually on dry land.

In Pakistan, floods are recurrent due to monsoon season caused by combination of both natural and anthropogenic functions.

**Effects of Flood:**

These are primary and secondary effects of floods as given below.

**1) Primary effects:**



## i) Physical damages:

Flood caused physical damages of infrastructure, destruction of bridge, buildings, road and railways.

## ii) Casualties:

Due to flood, humans and livestock are die due to drowning. It also cause of epidemic diseases and poisoning.

## iii) Loss of resources:

Flood also cause to damage resources such as buildings, machinery, agriculture, vegetation etc and loss of million of rupees that directly affects on economy and GDP.

## 2)- Secondary causes:

### i) Landsliding:

Landsliding is



threat for years to human settlement  
It can destroy property and infrastructure.

It caused due to changes in water content, removal of lower supportive water layer and caused flood.

### ii) Soil erosion and Soil degradation

Due to flood, upper soil surface removed which is highly productive part of soil and results in less yields and more cost used for production.

### iii) Human Health

Flood directly affect on human health such as disease, epidemic poisoning and unhygienic condition. It also directly affect as in form of injuries, mortality.

### iv) Sedimentation:

Sedimentation in river channel cause of



for reducing channel capacity.  
Water Pollution:

Water Pollution  
is the contamination in the  
river that collect pollutants  
from different sources as garbage  
and into water bodies such as  
rivers, lakes, dams etc. This water  
mix with contaminated substances  
and cause water pollution and  
makes water unsafe for  
both humans and plants.

**NOTE:**

Respected **NOA** Examiner,  
does i need to write  
answer in bullets points?  
OR just paragraph type?

this paragraph structure is fine.

How much page for 5 marks  
question?

good answers!!!!