a what is wild give . Explain its types, causes, spread and preventions. WILD FIRE: Wild fire is an uncontrolled and rapidly spreading power fire that cours in natural environments such as forests, grasslands, on prairies. IYPES OF WILD FIRE: Wildfires can be categorized based on their origin, behavior, and the Type of vegetation they affect. Here are the main types of wild fires. 1 : Ground Fires: 1 - Description: Ground fires burn the organic material located beneath the surface layer of vegetation. This villudes roots, duff (layer of decomposing plant material) and other decomposed matter in the soil-

Behavior: Ground fires can be slow. moving and smolder for long periods, often staying hidden beneath the surface. . They are challenging to detect and epitinguish because they can persist for months or even years sonly to resurface later. Example: 1- Peat bogs and forest floor layers. Peat fires are a classic example of ground fires, where the fire burns slowly through the layers of peat in wetland areas. 2 Surface fires: DISCUPTION: Surface fires burn the vegetation on the ground Devel,

including grasses, shrubs, and

small trees . They are the most common type of wildgere and typically move more quickly than ground fires. Behavior: Surface fires can vary in intensity from low to high, depending on fuel availability, weather conditions and topography. They can be managed more casily than crown fires but still pose significant risks. Example: Grassland fires and low-intensity fires in forest. Surface Fire

3 Crown Fires: · Description: Crownfires Spread through the tops or canoples of trees and Shrubs . They ocher in dense forests with significant fuel in the tree canopy. Behavior: Crownfires are intense and fast moving driven by strong winds and high temperatures. They can quickly over large areas and are apprount to control due to their height and intensity. Example: wildfires in old-growth forests with dense tree cover. Crown Fires:

4- Spotfires: · Description: Spot fires are small fires that ignite away from the main fire, usually caused by embers as burning debris Carried by the wind. · Behavior: Spot fires can spread sapidly if not controlled quickly and can ignite new areas of vegetation away from the main fire Examples. Small fires started by embers from a larger wildfire. Spot fives.

1/3		
1	Causes of WILDFIRE:	
X-	Natural Causes:	
10	1 Lighting: one of the most common	
-	natural causes of wilds	es.
,	It can inite dry vegetation	
	especially during thunderston	m
	with minimal rainfall.	
	2) Volcanie Activity: lava flows, hot	
	ash and volcanie bomb	
	can ignite near by	
	vegetation and start	
	wildfires-	
	3 Spontaneous Combustion:	
	Under certain condition	\$,
	organic materials such as leaves,	
	grass, or compost piles can heat up	
	and spentaneously combust.	
	and spontaneously combust.	
2	11 0	
2)	Human Causes:	
	(2) campfires: Unattended or improp	erly
	entinguished camptires	
	can casily spread to	

Surrounding vegetation-& Cigarettes: Discarded cigarette butts that are not fully extinguished can ignite dry grasses and other flammable materials. 3) Debris Burning: Burning trash or yard waste can ignite nearby veget tion if not properly managed. (4) silar Agricultural Practices: Slash - and - burn framing and other land-clearing practices can get out of control and least to wildfires. (5) Fire works: 91 can lead in dry areas and start fires, especially during dry Conditions.

How wildfires Spread: Inlild fires spread through the following: mechanisms. O Convection: Hot air and embers rise and ignite new areas 2) Radiation: Hat preheats and ignites nearby vegetation. 3 Direct flame Contact: Flames directly ignite new fuel sources. Prevention of Wildfires: Prevention measures include: 1) Public Awareness: Educate on five safety and proper disposal of ignitable materials. 2 Vegetation Managment: Conduct - Controlled - burns and Clear blammable vegetation around properties.

3 Building Regulations:

Use-bire-resistant materials and implement Zoning laws to reduce fire six.

(9) Early Weckion.

Use technology for rapid five detection and response.

3 lega Measures:

Enforce five bons and apply panablés for negligence.

ly addressing these riskes areas, wildfire risks can be significantly seduced.

This is a very lengthy answer and will badly affect your time management. So shorten.

2-4 sides of a page are enough