	Topic:
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6	Topic:
	ANSWER 6 %
1.	Plastic is a wonder material and its applications
	stange broadly, from Packaging to medical and
	engineering equipment and even aeronauties.
	They are not inherently bad, and they have
	many redeeming ecological features as their
	dividuality and low maintainance reduce
	material replacement, their light weight reduces
	Shipping energy.
2.	Uses: On an average, Production of plastic
	globally crosses 150 Million tonnes per year.
	Its broad range of application is in:
	· Packaging films · Weapping materials
	· Shopping and garbage bags · Fluid containers
	· clothing · Toys
	· Household and industrial Products
	· Building Materials
1	· Electronics Items
	· etc.
	0-1
3.	Advantages of Plastic ?
•	Extreme versatility and ability to be tailored to
	meet specific technical needs.
	Lighter weight than competing materials reduce
	Lighter weight than competing materials reduce fuel consumption during transportation. Grood Safety and hygiene properties for food packaging.
	Grood safety and hygiene Peroperties for
	food fackaging.
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£3	Topic :
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	Durability and longeraity
٥	Resistance to chemicals, water and impact.
Ð	Excellent thermal and electrical insulation properties.
5	Comparatively lesser Production cost.
•	Unique ability to combine with other materials
	like aluminum foil, Papers etc.
4.	Note: From the above introduction, uses and
	advantages we can see that plastic is
	advantages we can see that plastic is necessary and integral fart of whan lifestyle
5.	But at the same time it is evil for the
	environment, as plastic, as materials are
	not an issue, but it is their management
	that has been a Challenge. As it is estimated
	that approximately 70% of Plastic Packaging
	froducts are converted into plastic waste
	in a short span.
G	According to reports, United States's Per
	according to supports, United states's Per Capita Plastic consumption in 2014-2015
	was 104 kg followed by Europe 65 kg
	and China 38 Rg. India beg being on
	was 109 kg followed by Europe 65 kg and China 38 kg. India beg being on 5th Position having 11 kg of plastic consumption per capita.
	for capita.
6.	Problem : Once Plastic is discarded after
	Problem: Once plastic is discarded after its utility is over, it is known as
	plastic waste. It is injact plastic waste
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<i>b</i> :	Topic:
	never degrades, and remain on landscape
	for several years.
	Burning of Plastic results into formation of
	harmful and toxic gases which are known
	to cause the following severe health problems:
	· Cancer · Newcological Daniege
	· Endoveine Distruption · Birth defect
	· Child developmental disorder · Asthma
	· Immune Damege · etc.
7.	Disadvantages of Plastic:
	JO
•	Plastic Production also involved the use of
	Potentially harmful chemicals which are
	added as stabilizers on colourants.
•	Many of the plastic items have not undergone
	environmental sisk assessment and their
	impact on human health and the environment
	is everently uncertain.
	of PVC which is used in the manufacture
	Uildren and there have been concerns
	that phthalates may be released when these
	toys are suched.
•	As most plastics are non-degradable and
	they take a long time to break down once
	they are land filled, the landfill space
	sequired by plastic waste is a growing
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80	Topic :
	concern. That's why the disposal of plastic
	Products also contributes significantly to
12	their environmental impact.
8.	Impacts of plastic waste on the environment?
O	Coround water and soil follution:
	- Plastic is a material made to last forever and due to its chemical composition, plastic
	Cannot biodegrade easily.
	- when buried in a land fills, plastic lies
-	toxic chemicals from plastic drains out
	and seep into groundwater, flouing downstream
	into labes and ruiers.
-	- The Seeping of plastic also causes soil
	Pollution
. 0	Pollution in oceans:
	- The increased presence of plastic on the ocean
	surfore has resulted in more serious
	Problems. Since most of plastic delvis reaches
	- It leads to the desphine of square level
	- It leads to the dropping of oxygen level in the water, severely affecting the survival
	of marine speciels,
	- Even plank tons in oceans, are eating micro Plasties and alworbing their hazardous chemicals.
	exastes and alisorous their hazardous chemicals.
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ν.	Topic :
9.	Impacts of Plastic waste on Humans?
0	Burning Plastic 3
	- Causes various health problems, breathing
	Perolelems and birth defect as the gas
	releases on burning of plastic are Halogens
	which as toxing to inhale.
٥	Stray Arrimals Eating Plastic waste?
	- Nowadays we can see the stray animals
	libe doss, cows etc usually eats waste
-	at garbage and dumping sites. As humans
	are dependent on comes for dairy product
	so they also get affected due to this.
	0 00
]0.	Conclusion :
	50, the statement that:
<u> </u>	66 Plastic waste is a by - Product of weban
	life style and is concerned as as a necessary evil!
	is a secessary ever
	is rightly said.
11	Mu Illiand &
11,	has should hid some healthy solutions for
	My Views & we should find some healthy solutions for flastic alternatives and spread awareness
	to use plastic where ever it is entremely
	required.
•	Plastic Waste should be segregated and recycled.
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