DATE: 22/12/2024 ENV. SCIENCE MOCK:	
Question 2:	
Industrial revolution powed way to wards	- T-
socio-economic progress in the world? How does	, do
you see the far reaching environmental	1 -
consequences of industrial revolutions.	, 4.
Value of the state	1 6
INTRODUCTION:	3
INDUSTRIAL REVOLUTION: REASON OF SOCIO-ECONOMIC PROG	Perc
Industrialization began in early 1900s, with the	
	1
advancement in knowledge and itechnology	
the conventional ways of manufacturing and	-
agriculture were transformed into modern ways.	
The traditional ways were transisitioned into modern	
way through scientific invention.	
Scientific	-
Traditional Ways: Scientific Modern ways.	-
Agriculture: Man power machines, Tractors. Tuke wells.	
Plougling with animals - Madein faining tools.	_
Inclustries: Labour - Heavy nachineys.	_
Work units were small mostly -> factories and Industries.	
in houses for manufacturing goods.	
Advantages of Industrial Revolution:	
Byon the industrial revolution the tools were	
simple and the productivity was low. When the	
population increased so does the demand for	
more food and products. So, to meet those	
demands and supply gap industrial sevolution	
played important part.	
> The production ability was increased to meet public	
demand.	

	The state of the s	_
>	Employment was generated.	_
7	The living Sterndarder were increased.	
?	The income per capita was increased.	
>	Includication caused medical sevolution as well	
>	Agricultural sevolution also occurred.	
>	Economy was enhanced.	
7	Globalization occured a survey approved	
>	Training, skills and education was promoted.	
	NEGATINE	
	CONSEQUENCES OF INDUSTRIBUZATION ON ENVIRONMENT:	
	The supplies when the solution is a second	
	Although the industrial revolution ivagood	
	for socio- economic progress, however, the	
	pace at which it occurred was so rapid that	
	one major factor, environment, was high	
1 - 1 - 1	neglected during the early years. Due to	1
	Itis neglegence now we have major negative	
	consequences of industrial revolution to deal	
	with. Forexample;	
	1. AIR POLLUTION:	
→	The smoke from factories and industries, pollute	
	the air because it contains tonins which are	
	haunful for environment as well as humane.	
	The introduction of CFC. (chlorofluoro carbons) in	
	the atmosphere coursed the protective owne	
1	layer to deplete and hainful radiations	
-	from the bun can reach the Earth causing	٢
	Plant and human diseases, such as	

write some over all air quality index states here before and after ind rev



->	The smoke from ears and transportation is a	-
	major cause of vie pollution also kairing.	
197	Anne in different regions.	
3	smog in different regions.	_
10.7	2 Water Pollution:	_
7	waste and Chemical from the factories	_
	and industries are directly dispose of to m	_
	water bodies couring death a aquatic	
	life and making the water unuseful for	
	humans and animals.	<
	Entrophication due to agriculture run of	70
	and wastes from industries is a major	
	expect of Industrialization.	
7	Acid rain is also a negative consequence	
	g industrial sevolution. The pollutants like	
	sulfure, mitrogen enters the atmosphere	
	and reacts with water to form acid	
-	rein which is detrimental for soil and	-
	inhabstents of Earth as well.	
		-
	3. Land Pollution:	
7	The waste from the factolies and	
	industries one openly dumped on the	
	Sond. Tonins com seep through the soil	
	and be determental to plant growth	
7	and soils fatility as well without stall	,
->	Alot a aguilleural dand is badly	
10 TO	affected by the use of enecessive	
	elemicals in fertiliters and insectivides.	
El e		

dear student this ans needs some stats and some words like good" AQI is 0 - 50 "Moderate" AQI is 51 - 100 etc and some water quality stats argument is fine but ans is too short for 20 marks add more content from syllabus like carbon foot print env economics and food secuirty type jorgans of the syllabus

loss.

YAcld Rain



4 Acid Rain

(6)	Pakistern is witnessing bad air quality Index	1
	in major cities. Discuss the underlying factors	
	Er propose way outs.	
	Surgers said to the of the wards	
	INTRODUCTION:	
	Pakistan is facing a severe air quality	
	crisis particularly in its major cities such	<u>\\</u>
	as Lahore, Karachi, Faisalabad and	
	some more. The ALL Quality Index (AGI)	
trace age	ofen eneeds: sage levels, posing serious	
	heath sieus to tree population and.	
	backly impalling the environment. This	
	is multigaceted, with a range of	1
	anderlyng causes contributing to the	7
	Problem.	_
	UNDER LYING FACTORS OF BAD ATR QUALITY:	
	The transfer with the state of	
	1- Vehicalar Emissions	
+	Rapid ubanization has led to an increase	
Sales A - Care	number of vehicles on roads using encouring	
	amount of fossil fuels.	
->	Mostly older and poorly maintained relicles	
1	emit ligh levels of courson monervide;	
	nitrogen onides and particulate matter	
	Use of low quality fuel further aggregates	
-)		-
-	the problems.	1
-7	Lack of quality public transport so	1
-	that it can be used instead of	department of the last of the
	personal vehicles to reduce treffic and	
	bunny of fossil fuels.	
1		

		=
	2. Inclusival Pollution:	-
7	Un regulated inclustrial zones discharge	
	population to such as suffer dioniel.	_
	heavy metals and volatile organic	-
	compounds (VOCs).	_
->	Brick kilms and steel factories	_
	specating without environmental controls	-
	are major contributers.	_
	China Maria De	_
	3. Agriculture Practices:	_
->	Burning of agricultural waste, particularly	_
	in Pungab, release significant abhorent	
	of green house gases and particulate	_
	matter,	
	4. Construction Adirities:	
->	Dust from construction sites adds to	
	the particulate mother in urban areas.	
	Lack of proper dust control measures.	
	enacerbate the situation.	
. 30	5. Deposestation:	
5	wide spread deposestation reduces the	
	notural ability to siller oil milles to	
	natural ability to filler air pollutems.	_
	6. Urbanization:	_
7	throw sprawl leads to loss of	_
S	gien spaces, further intensifying the	_
	-aix pollution.	_
The !	present tiller, de cerret theoph o	_
	- bullet of the freely	

	DATE://20
	7. Energy Production:
	Reliance on coal powered planets, and fossil
	fuels are contributing to the emissions
	of hamful gases rossos as alla
7	Lack of investment in renewable energy.
1960	resources.
	WAY - : OUTS : slavened and one ?
1	Improving Public Transportation System:
1	Promote electric vehicles (EVs) by offering
£	subsidies and building (EV) infrastructures
Table -	Invest in clean and appricient public
	transit systems to reduce dependency on
	private velicles.
	Use bio fuels to reduce dependency on
T	fossil quels.
6	Regulating Industries:
	Enjorce strict emissions controls on
	industrial units and brick kilms.
A:	Transition to cleaner production technologies
	and use is alternative quels.
1	Controlling Agricultural Pollution:
	Provide farmers with alternatives to stubble
	buring: such as exprésielle management
	and technology
	Ofter subsidires for adopting susterinable
-	agricultural practices
1	to get 1 / fabrication (Calculation Control of the
	Carlott Carlott at

<u>}</u>	DATE://20
	u. Whan Planning
-)	Develop usbom green belts and parks to
	Improve air filtration.
	S. Afforestation:
>	Launch dange-scale afforestation compaigns
	to restore forests and reduce carbon
	emissions.
	6. Promoting henewable: Energy:
	Shift focus from coal and fossil fuels to
	solar wind, and hydropower energy sources.
	Provides meentires for installing renewable.
	energy systems.
-	7- Awareness Compaigns:
	Educate The public about the health
-	riske for air pollution and ways to
	reduce their conbon foot point.
- 7	Encourage community participation in tree
	plantation deives and waste management.
	3. Strengthen my Environmental laws:
	update and enforce environmental regulations
	to ensure compliance.
-	Penalize violators of emissions standards
	and reward environmentally responsible
	practices. Controller of political relations.
	(Factors of BAD AGI)
-	Vehicle Emissions. Non-Renewable Misanization
Constr	ction Detorestation Agriculture Industrial Projectives Pullution
-	
(1)	hening Env. laus).
7	Tite a renewable Awoulders ! Malismet
rubil	Transportation.) cenergy rejources Controlling Regulation
eith	per make a neat chart ordont make at all

this is not Pakistan affair it is supposed to be an enviscience and not a common pak affairs answer you haven't written even a single data in this ans

Scanned with

CS CamScanner

1	Question:
	What is Climater Enlist the weather
	variables and emplain the LA-NINA &
- 1	
	EL-NINO Phenomenon in content of global
+	Climate distribution.
	CLIMATE:
	Climate refers as the MIM-
	"long-term average of weather conditions
_	including temperature, humidity wind and
	precipitation, over a significant period of Home"
	Land Deligation Telegram Comments
	WEATHER VARIABLES:
	The weather variables that contribute to
	climate are:
1	Temperature.
	Humidity.
	Atmospheric Pressure.
-	Precipitation.
	Rainfall pattern
	snow and hail . will wind .
5-	Wind Direction and Speed.
6-	Cloud Cover.
7	Solar Lacliation.
27.0	Hangari LA - NINA:
. 6	· Drought · humicanes · heatwood
1:	It is a southern oscillation phenomena.
	La-mina is charackeized by usually cold
	sea surface temperatives in central and Eastern
	Pacific Ocean.

Effects on global Climate: :: 101/2110
> Enhances the trade winds
- Increased rainfall on South East Asta.
and Australia as a mangarage and
-> Droughts in South American and parts
of the VSA. -> cooler global temperature to reall.
EL-NINOS in com, superil
de le also a southern oscillation phenomean.
El-miono invoires usually warm seen
surface temperatures in the central
and Eastern Pacific Ocean.
WEATHER VARIABLES!
Effects on Global Climate:
- weakened trade winds.
- Heavy rainfall and flooding in south America
a Droughts on Australia and South East Asia.
: 7 Warmer global temperatures overall
Impacts on Global alimate
Ostribution)
Temperature
Precipitation (Intreene Vaciations) Shifts (Weather)
Shifts (Entreure)
Tempuature
• Proughte • hurricanes anomalies • heat waves
· Cyclones · coldwares.
Line was a supply from the contract of the state of the contract of the contra

Inis type of Eutophication is occured valually and is slower as compared to the authoral entrophication.

2. Cultural:

(iv) type of introphication is contributed by

	Controlling Measures:
→	Following are some preventative measure
	to reduce entrophication of water bodies:
1-	Reduce the use of agro-chemicals.
	Ensuring solid waste management.
7.0	Developing separate mitigation system
	for agricultural water rum off.
4.	Management and treatment of inclustrial
	waste- may not
5_	Awareness and education regarding environment
	and it protections.
6.	Implementing Process introduced in sustainable
	development Goods.
	Penalite and strengthen environmental laws.
	mel policies. : 200000000 autol mesters
8.	Strengthen the bole pennsonmental
	Metitution -
9_	Evological restatortion like yelding
	dissolve ougen in water cleaning
	algae manually or through technology
	introduction of species.
ot on	2 2nd and is not satisfactory as they are your bland and basis are:
and the same of th	2nd ans is not satisfactory as they are very bland and basic answere very little related to subject and seems to be very generic ans
-	nprovement in length of ans presentation
	average paper