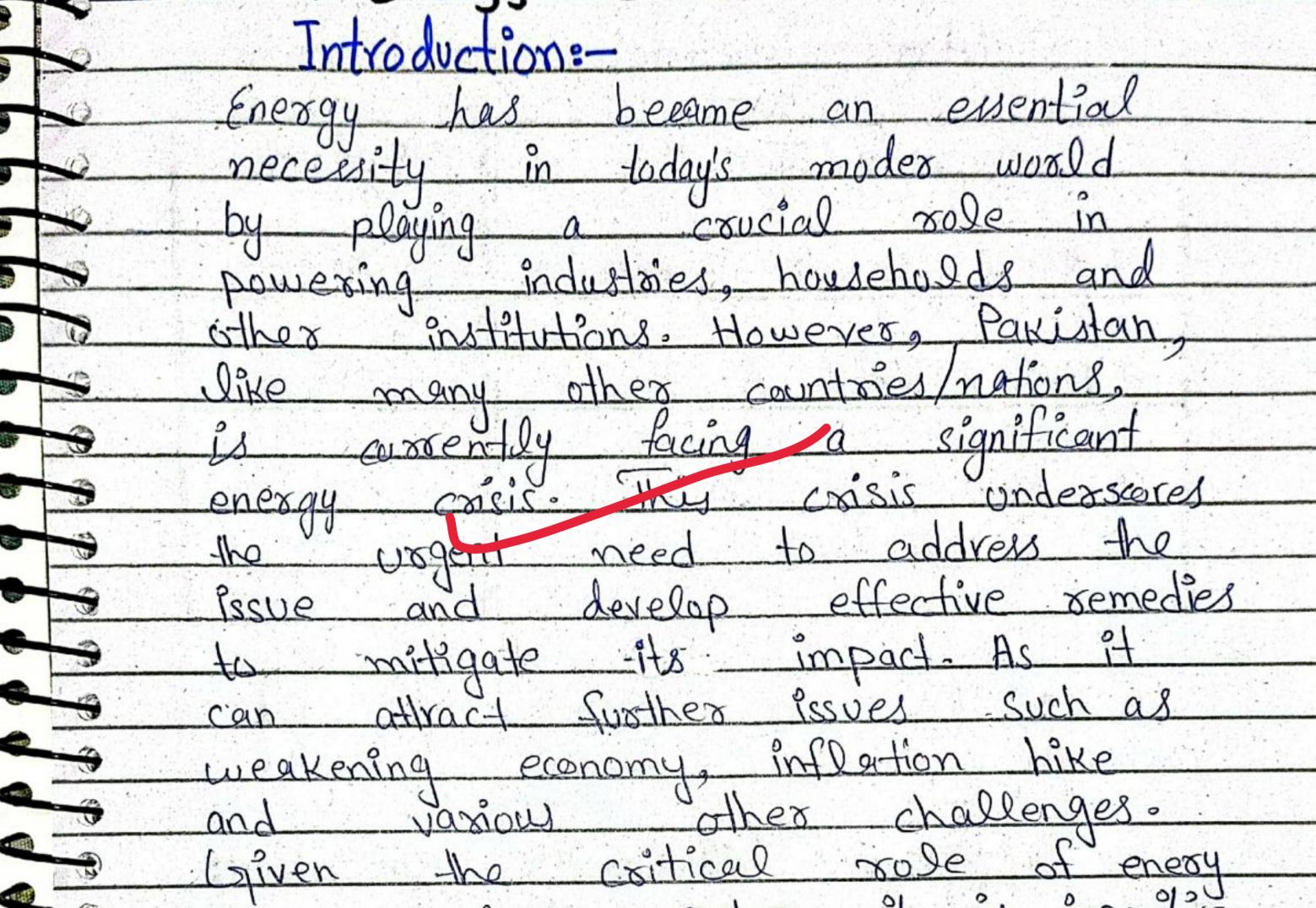
# Energy Crisis in Pakistan



	en various s	ectors, it is imperitive
	to take a promp	t action and
	implement sustain	able solutions to
	ensure a reliable	energy supply
	for the country's	development and
	avanith.	
	is Current Situa	tion:
6	Overview of Paki	istan's electricity
	croisis as repor	sted by ISSI.
	on May	- August 2023.
	Description	Megawatts
	Total Demand	28,300
	Power Supply	21,200
	Phortfall	87,000

electricity Capacities in Pakistan's 2022 Megawatts Capacity Type Installed generation capacity 41.557 Maximum total 31000 Demand distribution Transmission and 22000 capacity. JOURCe == problems major coisis: There -lwo are energy contributing the 10 1=Expensive electoricity generation:-Drime Acronding minister -the nt -10

Pakistan, our country is facing significant	-
challenges with electricity costs ranking	
as the most expensive in Asia and	4
third most expensive globally.	Ľ
Domestic unit charges range widely	2
from 24 PKR to 65 PKR, determined by	1
consumption slabs set by NEPRA. For instance,	Ì
for the consumption of below 100 units, the	1
cost is approximately 28 PKR per unit, while	1
in the 100-300 unit slabs, it vises to 44	4
PKR per unit. The cost continues to escalate	1
to about 56 PKR per unit for the	-
300-600 unit slab with a minimum of	
72 PKR per unit for consumption	T
exceeding 600 units. In the commercial	

600	Sector l agriculture 90 PKR	ike markets, prices vary per unit.	industries from 48	and to over	
	<u>2) : [</u>	oadshedding:-			
	The energy sector in Pakistan is experiencing severe loadshedding. As the table shows:				
	Year Pummer 2024	Shortfall megowatts	Urban Loadshedding per-day	Ruxal loadshedding per-day	
	Rummer 2023	More than	4-5 has	10-12 hrs	

	8 hrs
	0_1112
10,000	
Rummer 2007-16 5000-8000 8 hrs 18	t hrs
Dangerous revival of	<u></u>
energy crisis:- In 2022-23	
Louo	ce: ISSI-
tonce the fluctuations of power cuts and ener	99-
hile shoolages over the years highlight the	
4 ongoing difficulties faced by the country	y's
e energy sector.	
Add more arguments in this part	
of These two problems are created	
because of the following caused:	
al	

1) Economic - Causes (a) Import of HC:-Pakislan is generating electricity using hydrocarbons -through different electricity sources account S Diesel units for 2000 N 1Wof installed electricity capacity LNGT > 7000 Mus capacity Coal > 6500 MW capacity being consumed he electricity are impossed. production expensive; LNG 1880 mast he ic Second -he 3ri coal one -hp and hese 70 Telat are SOUTCES. jumped up in the price ana of. international market the Lonulo LIAAY

international market because of the war	1
of Ukrain and Russier. All the HC has	
	0
has been devalued against dollags. In 2021.	
imposting one billion worth of oil cost 178 billion PKR, but today it costs	
178 billion PKR, but today it costs	
over 280 biblion PKR.	9
(b) Circular Debt:-	٩
The circular debt issue in the energy	4
The circular debt issue in the energy sector exacébates the crisis. This occurs	3
when power generation companies are not	2
paid on time by the gover or consumers,	13
Couling to the choolage of finds for	13
-Rich and maintenance. As a result, the	2
energy generation procees distubed.	13
Pourse: ISST	3
	3

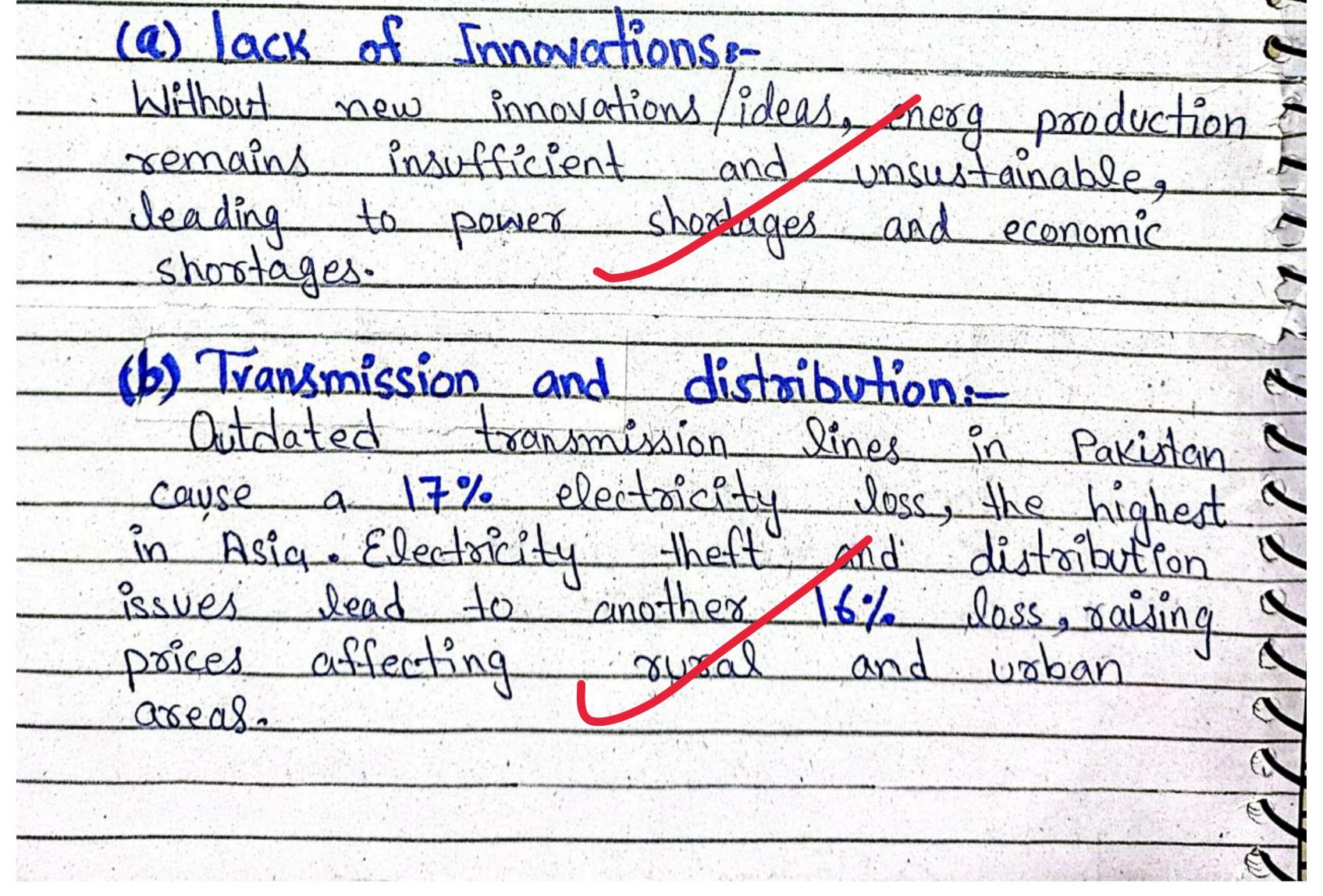
#### 2) Political and Governance Causes: of check and balance and accountability:-(a) Lack Pakistan is increasing energy coisis in lhe halance. There no check ovedsight Alhen phough DOT -here comption inefficiencies. and m results Sector. the energy generation power reduced ages capacity developmental focus on ack projects 1

	One of the pointagy sealon of energy
	coisis in Pakistan is insufficient investment
	in the developmental project. The country has
	not made substancial investments in
	building new power plants or upgrading
	existing infrastructure.
- 0	3) Social Cause:- (a) Population growth=
	(a) Population growth=
	population growth has increased the
	coisis of energy as there is a
	massive incresement in the need of
	electricity according to pumber of
	people

## (b) Waste of energy:-

- People at domestic and commercial levels use energy carelessly or with old equipments that use too much energy.
- Another signif ant Pactor is the Dack of awareness about energy conservation practices which creates massive energy consumption.

### 4= Technological Causes



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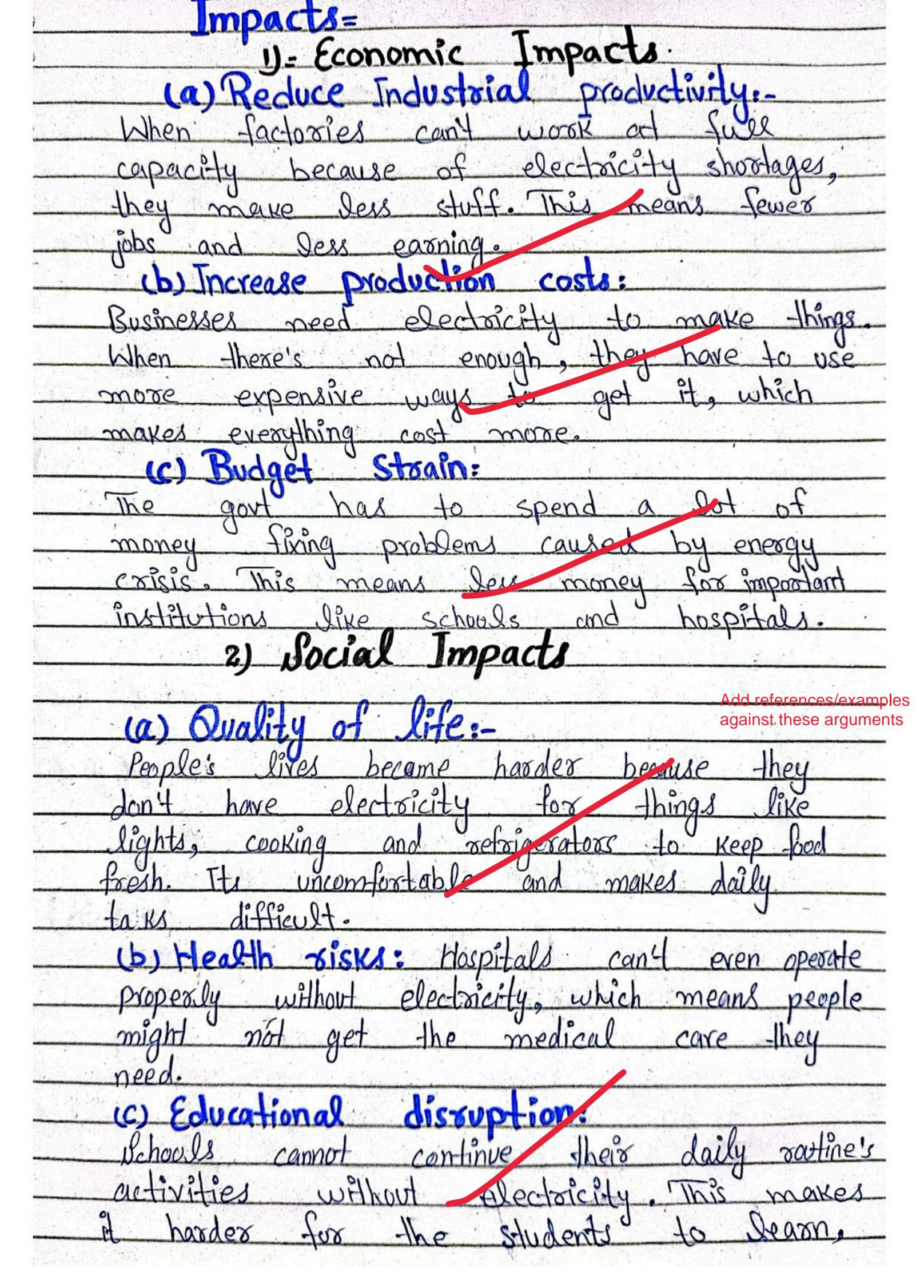
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teachers and 3) Political Impacts (a) National growth businesses Electricity chor-lage country the means economy. and quickly, which grow and develop livese everyone's on Agriculture:-(b) Impact taxmear elec or water nicity DUMPS other and grow ectorcit Cannot enough MODUCE higher shortages pad 50 and mices. 4) Technological Impacts 04 5 technolog lower TOOSE brence mai er make new innovation Mogree the evelo an lution economic domair dependency mporte a 00 Hydrocar bons :energ Encourage Solar evinc ile Dower SOUTC subsidies. financial Dike IVP, Signif n neec red Rive tor

