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Assignment # 3:

## Digital Distractions

The third reason behind the failure is digital distraction. In this connection, excessive use of social media is the real concern. Constant notifications and rapid content switching train our brain to scan and shift focus, making it harder to concentrate on one thing for long. As a result, it lowers accuracy and comprehension in study, and longer time to complete tasks. Secondly, the memes and reels also act as a significant form of digital distraction. The memes and reels are typically under a minute long and designed to be scrolled through continuously which leads to reduction in overall attention span and cognitive function. Lastly the excessive use of AI leads to decreasing cognitive abilities. Studies show a strong negative correlation between frequent AI use and critical thinking skills. When AI provides immediate answers or solutions, the users bypass the essential mental efforts. Therefore digital distraction is considered a reason for an aspirant's failure.



### Assignment # 3:

#### 3 Body Paragraphs on Climate Change: Causes

To begin with, one of the foremost cause of Climate Change is increasing deforestation. First of all, removing trees that absorb  $\text{CO}_2$ , is highly detrimental to Climate Change because these trees store vast amounts of carbon in their biomass and soil, when cut or burned this carbon returns to the atmosphere as  $\text{CO}_2$ . Secondly, it drastically reduces biodiversity by destroying habitats, eliminating food sources, disrupting ecosystems and fragmenting populations, pushing countless plant and animals species towards decline or extinction, as forests house over 80% of land species (according to Earth.org and World Wildlife). Finally, deforestation severely disrupts the water cycle by reducing transpiration which decreases rainfall and cloud formation. Therefore deforestation is one of major cause of Climate Change.

The second cause behind climate change is expanding industrial activities. In this connection direct process emission is the real concern. A significant portion of direct emissions results from burning fossil fuels like coal, oil, and natural gas in industrial boilers, furnaces and generators to produce heat and power for operation. There are some unintentional leaks of gases or vapors from industrial equipment, pipelines, or storage



facilities, such as methane leaks from natural gas systems or refrigerants from cooling units. ~~Lastly~~, Industrial waste and byproducts contribute significantly to climate change by releasing greenhouse gases and toxic pollutants. Unregulated disposal of industrial waste and byproducts accelerates climate change and environmental degradation. Hence, Industrial activities can lead to climate change.

The third cause behind climate change is rising agriculture practices. Firstly, the use of fertilizers significantly contributes to climate change by releasing potent greenhouse gases during both their production and application in fields. The manufacture of synthetic nitrogen fertilizers is a highly energy-intensive process, relying heavily on fossil fuels. Secondly, farm machinery contributes to climate change. Diesel-powered tractors and equipment release significant amounts of greenhouse gases like  $\text{CO}_2$  and leave a long-term impact. Lastly, the burning of ~~waste~~ crops is also a real concern. It is the fastest and cheapest way to clear fields for sowing the next crop, especially with mechanization but releases fine particulate matter ( $\text{PM}_{2.5}$ ,  $\text{PM}_{10}$ ), carbon monoxide, nitrogen oxides, contributing to smog and severe respiratory illness. Therefore, the agriculture practices are one of the causes of climate change.