

Marks: 35

Time: 2 hrs

Answer Question 5 and *any two* from the rest.

1. Define technology. How does the socioeconomic issue impact the dynamics of technology? [10]
2. Aristotle's information theory meets Newton's physics in the digital information written in DNA.
– Elucidate [10]
3. Do you feel that the pronouncement of *Taxicab number* is a story of human virtue? [10]
4. "My opinion of the human race is high enough that I believe this bogey [of heroism in command] would have disappeared long ago, had the sound sense of the peoples not been systematically corrupted by *commercial and political interests* acting through the schools and the Press" – Albert Einstein (1931). Provide your argument in the context of world scenario in 2011. [10]
5. **The Case.** Governments, the economy, schools, everything in society, are not for the benefit of the privileged minorities. It is for the benefit of the ordinary run of the people, who are not particularly clever or interesting, not highly educated, not successful or destined for success, in fact, nothing very special.

The context. It is for the people who, throughout history, have entered history outside their neighbourhoods as individuals only in the records of their births, marriages, and deaths. Any society worth living in is one designed for them, not for the rich, the clever, the exceptional.

A comment. The world is not made for our personal benefit. A world that claims this is its purpose is not a good world, and ought not to be a lasting one.

And you. Write a critical appreciation on this issue

[15]