

- ii. Attempt **ONLY FOUR** questions from **PART-II**. **ALL** questions carry **EQUAL** marks.
- iii. All the parts (if any) of each Question must be attempted at one place instead of at different places.
- iv. Write Q. No. in the Answer Book in accordance with Q. No. in the Q. Paper.
- v. No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
- vi. Extra attempt of any question or any part of the question will not be considered.

SUBJECTIVE PART — PART-II

- Q. 2. Gaza human crises has become a classic example of war crimes by Israel but the champion of Human rights is silent. Find out the reasons and explain how it would affect US relations with the Muslims world.
- Q. 3. The future world would be techno-polar. Whosoever dominates in technology would lead the world. Comment.
- Q. 4. Critically evaluate the drop scene of Russia-Ukraine war. What do you think whether NATO or Russia would dominate in Ukraine?
- Q. 5. There are two options with the state to increase tax collection; one, install business would result in more taxes. It would also help grow the economy. Second, increase the tax ratio in order to meet the expenditures. But it would hit the business and growth badly. The government of Pakistan has opted for the latter option. Critically evaluate the budget of Pakistan in the light of the above statement.

Q3 Techno - Polar World

The world is growing increasingly dependent on technology. Its impacts transcend boundaries involving economic, military, and social spheres across the world.

Many have argued the world is moving towards techno-polarity, where technology shall define the power centres to come. Great powers are taking notice, expanding their technological capabilities and safeguarding innovation. Conflicts in Russo-Ukraine and the Azerbaijan-Armenia war have also highlighted the impact technology has on determining battlefield outcomes.

How tech will define National Power?

A) Tech provides advantages on the Battle field

The Nagorno Karabakh war made the role of technology apparent. Azerbaijan gained the upper-hand on the traditionally armed Armenian forces using Turkish made drones to pin point bunkers. The Russo Ukrainian war has highlighted the use of 'Drone Swarm tactics' with Bloomberg reporting Ukrainian plans to establish one of the largest drone factories for this very purpose. These tech-driven tactics were highlighted in Operation Swift Retort where jammers were used against Indian aircraft leading Abhinandan to ditch on Pakistani soil.

B) The Power of Dis-information and Narrative Control

The revelation of the Indian dis-info labs laid apparent

the power of technology to influence narratives. fragile democracies and internal strife can be exploited by outside actors to weaken the enemy from within, with culpable deniability.

c) Technology defining Prosperity and Power

AI has the power to revolutionize the way the world engages in work. Goldman Sachs predicted the loss of 250 million jobs by 2030 to AI. This, in a world of globalized trade means a competitive edge, and cheaper production. Nations with superior technology can thus become economic powerhouses.

e.g ~ Israel and its software and cutting edge military software industry

D) Controlling the flow of Prosperity: New tech Sanction?

Given the power of AI and the latest tech, Nations and entire economies would be beholden to the originators of Superior tech. It could possibly become the new oil, with the latest tech being the lifeblood of economies in the future. Thus any nation controlling its distribution gains significant power and sanction leverage.

e.g., In 2024 US blocked the U.A.E in investing in Open AI ventures

E) Technology and the Power of Espionage

Advancements in Quantum and AI Computing has led to the risk of unbreakable encryption codes being cracked putting everything from credit cards to state secrets at risk.

Thus any Nation Controlling the latest tech would be able to Control these information flows

F) The Culpable Deniability of 5th Gen Warfare.

Having advanced Military hardware and Software allows Nations to attack enemies in new ways of Cyber - Sabotage.

- e.g.~ During the 2024 Olympics the French Metro Station was taken offline in what the French PM called 'a heinous act of Sabotage'.

g) The World's dependence on Technology and the Power of Disruption.

The Crowd Strike Outage and its far-reaching affects on global industry from flights to Surgery Made the world's dependence apparent.

Similarly the Ukrainian power network was taken down by hackers making it clear how warfare of the future would not be limited to the battlefield.

h) The power of information on battlefield outcomes

The breaking of the Enigma codes in WW2 was seen as a potent factor in overall success. Similarly, the ability to use satellites, and break into communication channels

provide a significant advantage in pre-empting enemy action.

i) i) The New Strategic Resource : Technology

Taiwan being the largest producer of semiconductor chips has garnered an enviable position.

It has made itself strategically vital to over 1 trillion USD of

World GDP, giving itself Security through Control over Strategic Resources. This has increased the Costs of invasion for China and also Motivates the U.S to Come to its defence.

Conclusion

The Power of technology in Controlling the Narrative, bolstering Military Capabilities, and improving Competitiveness in the global Economy Cannot be Underplayed.

Technology has the Potential of being the New Oil of the techno - Polar age.

The Nations Controlling the flows and Keys to this powerful Resource will be Poised to influence international affairs, the actions of other States and its own Status on the Global Stage. Thus the World to Come shall be driven by technology.