

Q. 3. Read the following passage carefully and answer the questions given at the end.

(20)

"In the heart of innovation, where creativity dances with technology, a new era of possibilities emerges. The digital landscape, once a distant horizon, now envelops every facet of our lives. From communication to commerce, the symbiotic relationship between humanity and technology shapes the contours of our modern existence.

In this age of rapid change, the role of education becomes pivotal. The traditional classroom, with its four walls, expands into the boundless realms of the internet. E-learning platforms and virtual classrooms redefine the notion of education, offering a dynamic space for collaboration and knowledge exchange. The democratization of information, facilitated by digital platforms, challenges traditional hierarchies and empowers learners across the globe.

However, as we navigate the seas of technological progress, questions of ethics and inclusivity arise. The digital divide, a chasm separating those with access to technology from those without, underscores the need for inclusive policies. In this context, the role of educators extends beyond imparting knowledge to fostering a sense of responsibility and ethical conduct in the digital realm.

The integration of artificial intelligence (AI) into various aspects of our lives further blurs the boundaries between human and machine. As AI algorithms make decisions that impact society, the importance of ethical considerations and transparency grows exponentially. The intersection of technology and ethics becomes a defining point in the evolution of our digital landscape.

As we stand at the crossroads of innovation, the challenge is not merely to embrace technological advancements but to do so with a mindful and ethical approach. The synergy between humanity and technology holds immense promise, but it is our collective responsibility to navigate this path with wisdom, ensuring that progress aligns with the principles of equity, inclusivity, and ethical awareness."

Questions:

(4 marks each)

1. What is the main theme of the passage, and how does it emphasize the evolving relationship between humanity and technology?
2. According to the passage, how does education adapt to the digital landscape, and what challenges and opportunities does this transformation present?
3. Discuss the concept of the digital divide as presented in the passage. Why is inclusivity crucial in the context of technological advancements, and what role do educators play in addressing this divide?
4. Explore the role of ethics in the digital realm, especially concerning artificial intelligence. How does the passage highlight the intersection between technology and ethical considerations?
5. What is the message regarding the responsibility of individuals and society as a whole in navigating the intersection of humanity and technology? How can progress align with principles of equity, inclusivity, and ethical awareness?

Answer 1

The theme indicates that technology influences every aspect of human life; therefore, policies must be developed to ensure its ethical use. Humans have become highly dependent, from business transactions to communication. Hence, IT has transformed the nature of human existence and the way people manage their affairs.

Answer 2

The education sector has been transforming its dynamics in the delivery of education. Institutions must develop online learning platforms to enhance student engagement. These platforms provide numerous opportunities for learner worldwide, including access to top-ranked institutions, as well as greater collaboration and knowledge sharing. However, they also present challenges for both students and teachers, including online distractions and technical issues.

Answer 3

The digital divide refers to the gap between individuals who have extensive access to technology and those who do not have. Technological advancements have raised concerns regarding the ethical use of modern technology in daily life. Therefore, the development of inclusive policies is essential to limit its misuse. Furthermore, educators have been entrusted with the responsibility of promoting ethical use of technology.

Answer 4

Artificial Intelligence is being used in almost every aspect of human life. It plays a significant role in decision-making processes in sectors such as the military and climate. Consequently, increasing reliance on technology means that even minor errors can have serious consequences. Therefore, it must be used ethically to maximize benefits.

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Answer 5

People must embrace the ethical use of technological advancements in their lives. It is the collective responsibility of individuals and societies to use technology purposefully. Policies must be developed to ensure its use is aligned with the principles of equity, inclusivity, and ethical awareness.