

Para 1

(i) According to paragraph 1, what impact has robotics had on healthcare operations? Mention any two.

Ans:

1. It has revolutionized medical procedures and patient management.
2. It has enhanced workflow efficiency and improved clinical outcomes.

(ii) What does the phrase “*from surgical theatres to outpatient clinics*” convey about the scope of robotics in healthcare?

Ans:

It shows that robotics is widely used across multiple healthcare settings, not just in surgery but also in routine clinical environments.

(iii) This highlights that robotic-assisted surgery primarily enhances \_\_\_\_\_.

Ans: (B) the precision and safety of complex surgical procedures.

(iv) How does the writer emphasize the benefits of robotic-assisted surgery?

Ans: (B) shows how advanced systems improve accuracy and reduce patient trauma.

(v) Today, rehabilitation therapy is a more individualized and effective process because \_\_\_\_\_.

Ans:

robotic systems allow real-time monitoring and adaptive treatment planning.

(vi) Necessary : essential :: emergence : \_\_\_\_\_

Ans: (A) advent

Explanation:

- *Necessary* = *Essential* (synonyms)
- *Emergence* = *Advent* (synonyms)

(vii) Support with evidence from paragraph 4 how robots help maintain strict sanitation protocol.

Ans: Robots are used for medicine delivery, room disinfection and food distribution, especially during the COVID-19 pandemic, which reduced exposure risks and maintained hygiene protocols.

(viii) Why is there a need to develop assistive robots?

Ans: Assistive robots are needed to support elderly individuals by reminding them about medication, monitoring vital signs, and providing social and emotional support, especially for those living alone.

(ix) The integration of robotics into healthcare according to the text is ironic because \_\_\_\_\_.

Ans: (C) it has resulted in an increase in human isolation.

Para-2

Solutions

(i) the profound and often irreversible consequences, such as climate change and biodiversity loss.

(ii) Answer: (A) Primary purpose

(vii) Answer: (C) Indigenous tribes are impacted by deforestation, losing their environment, traditions, identity and culture.

(viii) Answer: (A) forced displacement and increased poverty

**Literature**

**7. Extract 1**

(i) (A)

(iii) the poet's deep-seated fear of separation and the inescapable reality of her mother's death.

(iv) Exhausted

(vi) (C)

**Extract 2**

- (i)**    **b**
- (ii)**   a lack of / scarcity / shortage.
- (iii)**   Spite of despondence
- (iv)**   reflective and reassuring.