

1. What has contributed to the increase in human carrying capacity?

- A) Agricultural advances**
- B) Cultural stagnation
- C) Decreased education
- D) Reduced healthcare

2. What is the estimated average carrying capacity for Earth's human population?

- A) 1 billion to 1 trillion
- B) 10–15 billion**
- C) 20 billion
- D) 50 billion

3. What trend has been observed in the human population growth rate since 1962?

- A) It has peaked and is now declining**
- B) It has remained constant
- C) It has increased significantly
- D) It has become negative

4. What is a characteristic of K-selected species?

- A) High reproductive rate
- B) Few offspring with high parental investment**
- C) Population size fluctuates widely
- D) Many offspring with low parental investment

5. What has been a major impact of human expansion on other species?

- A) Increased biodiversity

B) Reduced habitat and resources

C) Enhanced ecological balance

D) Improved species survival