Patterns and Systems in the Human and Natural Worlds — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Biodiversity means variety of life, including species, genes and**

- A habitats
- B ecosystems
- C populations
- D communities

Understand It with Pulse | Flag a mistake

2 **A food web shows feeding relationships among organisms in an**

A habitat

B community

C ecosystem

D population

Understand It with Pulse | Flag a mistake

3 **Carrying capacity is the maximum population an environment can support without**

A growth

B decline

C migration

D degradation

Understand It with Pulse | Flag a mistake

4 **Sustainability means using resources in ways that meet present needs without harming future**

A generations

B economies

C societies

D environments only

Understand It with Pulse | Flag a mistake

5 **Land use patterns in cities often show commercial activity downtown, industry near transport routes and housing in**

A centres

B suburbs

C cores

D parks

Understand It with Pulse | Flag a mistake

6 **Suburban sprawl is low density growth outward from cities, which can increase car dependence and loss of**

- A forests
- B wetlands
- C farmland
- D parks only

Understand It with Pulse | Flag a mistake

7 **Smart growth aims to build compact, walkable communities with mixed land uses and efficient**

- A roads
- B housing
- C parks
- D transit

Understand It with Pulse | Flag a mistake

8 **Geographic patterns help planners decide where to build infrastructure, protect ecosystems and support**

A communities

B economies

C governments

D industries

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9 **Soil erosion removes topsoil through wind or water, reducing fertility for**

A forestry

B farming

C mining

D fishing

Understand It with Pulse | Flag a mistake

10 **Wetlands filter water, store floodwater and provide habitat for many**

A crops

B fish only

C species

D birds only

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	B	**5.**	B	**9.**	B
2.	C	**6.**	C	**10.**	C
3.	D	**7.**	D		
4.	A	**8.**	A		

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