STUDY GUIDE — BANK 2 (50 QUESTIONS)

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1. In conservation management, what best describes Population density?

A. Total number of individuals
B. Number of individuals per unit area
C. Birth rate
D. Death rate

✅ **Correct answer: B**

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2. In conservation management, what best describes Carrying capacity?

A. Maximum population an environment can sustain
B. Maximum population growth rate
C. Number of predators present
D. Total land area

✅ **Correct answer: A**

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3. In conservation management, what best describes Limiting factors?

A. Factors that increase population growth
B. Factors that restrict population growth
C. Factors unrelated to population size
D. Factors that only affect predators

✅ **Correct answer: B**

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4. In conservation management, what best describes Density-dependent factors?

A. Affect populations regardless of size
B. Effects increase as population density increases
C. Occur only randomly
D. Affect only prey species

✅ **Correct answer: B**

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5. In conservation management, what best describes Density-independent factors?

A. Depend on population size
B. Affect populations regardless of density
C. Occur only in large populations
D. Increase with population size

✅ **Correct answer: B**

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6. In conservation management, what best describes Exponential growth?

A. Growth limited by resources
B. Growth at a constant rate
C. Growth without limiting factors
D. Declining population

✅ **Correct answer: C**

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7. In conservation management, what best describes Logistic growth?

A. Unlimited growth
B. Growth with carrying capacity limits
C. Sudden population collapse
D. Random population changes

✅ **Correct answer: B**

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8. In conservation management, what best describes Natality?

A. Death rate
B. Birth rate
C. Immigration rate
D. Emigration rate

✅ **Correct answer: B**

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9. In conservation management, what best describes Mortality?

A. Birth rate
B. Immigration
C. Death rate
D. Population density

✅ **Correct answer: C**

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10. In conservation management, what best describes Immigration?

A. Individuals leaving a population
B. Individuals entering a population
C. Deaths in a population
D. Births in a population

✅ **Correct answer: B**

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11. In conservation management, what best describes Emigration?

A. Individuals entering a population
B. Individuals leaving a population
C. Birth rate
D. Death rate

✅ **Correct answer: B**

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12. In conservation management, what best describes Habitat?

A. Geographic range of a species
B. Physical environment where an organism lives
C. Population size
D. Food web

✅ **Correct answer: B**

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13. In conservation management, what best describes Niche?

A. Where an organism lives
B. How an organism lives and interacts
C. Population density
D. Species richness

✅ **Correct answer: B**

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14. In conservation management, what best describes Trophic levels?

A. Levels of biological organization
B. Feeding positions in a food chain
C. Population size categories
D. Habitat layers

✅ **Correct answer: B**

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15. In conservation management, what best describes Producers?

A. Organisms that consume others
B. Organisms that produce their own food
C. Decomposers
D. Predators

✅ **Correct answer: B**

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16. In conservation management, what best describes Consumers?

A. Organisms that produce energy
B. Organisms that eat other organisms
C. Organisms that decompose matter
D. Plants

✅ **Correct answer: B**

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17. In conservation management, what best describes Decomposers?

A. Organisms that break down dead matter
B. Predators
C. Herbivores
D. Producers
✅ **Correct answer: A**

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18. In conservation management, what best describes a Food chain?

A. Interconnected feeding relationships
B. Linear energy transfer
C. Cycling of nutrients
D. Random feeding
✅ **Correct answer: B**

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19. In conservation management, what best describes a Food web?

A. A single feeding pathway
B. Linear feeding relationship
C. Interconnected feeding relationships
D. Predator-only interactions
✅ **Correct answer: C**

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20. In conservation management, what best describes Species richness?

A. Total number of individuals
B. Number of species in an area
C. Population density
D. Habitat size
✅ **Correct answer: B**

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21. In conservation management, what best describes Species evenness?

A. Equal distribution of individuals among species
B. Number of species present
C. Habitat size
D. Trophic levels

✅ **Correct answer: A**

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22. In conservation management, what best describes Biomes?

A. Small habitats
B. Large regions with similar climate and organisms
C. Populations
D. Food webs

✅ **Correct answer: B**

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23. In conservation management, what best describes Renewable resources?

A. Resources that never run out
B. Resources replenished naturally over time
C. Nonliving resources
D. Fossil fuels

✅ **Correct answer: B**

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24. In conservation management, what best describes Nonrenewable resources?

A. Replenished quickly
B. Cannot be replenished on a human timescale
C. Always biological
D. Always sustainable

✅ **Correct answer: B**

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25. In conservation management, what best describes Overharvest?

A. Harvest below sustainable levels
B. Harvest exceeding population replacement
C. Harvest based on science
D. Seasonal harvest only

✅ **Correct answer: B**

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26. In conservation management, what best describes Restoration ecology?

A. Study of ecosystem destruction
B. Repairing damaged ecosystems
C. Resource extraction
D. Population monitoring

✅ **Correct answer: B**

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27. In conservation management, what best describes Conservation?

A. Preservation without use
B. Sustainable use and management of resources
C. Resource exploitation
D. Habitat destruction

✅ **Correct answer: B**

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28. In conservation management, what best describes Preservation?

A. Sustainable use of resources
B. Protection without use
C. Resource extraction
D. Habitat modification

✅ **Correct answer: B**

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29. In conservation management, what best describes Keystone species?

A. Most abundant species
B. Species with disproportionate ecological impact
C. Any predator
D. Species with no ecological role

✅ **Correct answer: B**

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30. In conservation management, what best describes Indicator species?

A. Species that indicate environmental conditions
B. Top predators
C. Invasive species
D. Keystone species

✅ **Correct answer: A**

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31. In conservation management, what best describes Endangered species?

A. Species with increasing populations
B. Species at risk of extinction
C. Non-native species
D. Invasive species

✅ **Correct answer: B**

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32. In conservation management, what best describes Threatened species?

A. Species already extinct
B. Species likely to become endangered
C. Invasive species
D. Non-native species

✅ **Correct answer: B**

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33. In conservation management, what best describes Extirpation?

A. Global extinction
B. Local extinction
C. Population growth
D. Migration

✅ **Correct answer: B**

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34. In conservation management, what best describes Extinction?

A. Local disappearance
B. Global disappearance
C. Seasonal decline
D. Migration

✅ **Correct answer: B**

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35. In conservation management, what best describes Corridors?

A. Barriers between habitats
B. Connections between habitats
C. Areas of habitat destruction
D. Urban development zones

✅ **Correct answer: B**

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36. In conservation management, what best describes Edge effects?

A. Effects occurring at habitat boundaries
B. Effects only in core habitat
C. Effects unrelated to fragmentation
D. Effects caused by predators only

✅ **Correct answer: A**

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37. In conservation management, what best describes Metapopulation?

A. Single isolated population
B. Group of populations connected by dispersal
C. Migratory population
D. Invasive population

✅ **Correct answer: B**

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38. In conservation management, what best describes Landscape ecology?

A. Study of individual organisms
B. Study of spatial patterns and processes
C. Study of population genetics
D. Study of climate only

✅ **Correct answer: B**

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39. In conservation management, what best describes Fragmentation?

A. Breaking habitat into smaller, isolated patches
B. Habitat restoration
C. Habitat expansion
D. Natural succession

✅ **Correct answer: A**

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40. In conservation management, what best describes Connectivity?

A. Isolation of habitats
B. Degree to which landscapes allow movement
C. Habitat destruction
D. Population decline

✅ **Correct answer: B**

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41. In conservation management, what best describes Ecosystem services?

A. Benefits humans obtain from ecosystems
B. Ecosystem destruction
C. Population growth
D. Resource extraction
✅ **Correct answer: A**

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42. In conservation management, what best describes Provisioning services?

A. Cultural benefits
B. Regulating benefits
C. Material goods from ecosystems
D. Supporting services
✅ **Correct answer: C**

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43. In conservation management, what best describes Regulating services?

A. Food production
B. Climate and water regulation
C. Recreation
D. Habitat destruction
✅ **Correct answer: B**

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44. In conservation management, what best describes Cultural services?

A. Spiritual and recreational benefits
B. Food production
C. Climate regulation
D. Nutrient cycling
✅ **Correct answer: A**

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45. In conservation management, what best describes Supporting services?

A. Primary production and nutrient cycling
B. Recreation
C. Food provision
D. Climate regulation

✅ **Correct answer: A**

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46. In conservation management, what best describes Sustainable development?

A. Development without limits
B. Development meeting present needs without harming future generations
C. Resource exploitation
D. Habitat destruction

✅ **Correct answer: B**

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47. In conservation management, what best describes Environmental impact assessment?

A. Study of past ecosystems
B. Evaluation of environmental effects of projects
C. Population monitoring
D. Resource extraction

✅ **Correct answer: B**

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48. In conservation management, what best describes Climate change?

A. Short-term weather variation
B. Long-term changes in climate patterns
C. Seasonal temperature shifts
D. Local weather events

✅ **Correct answer: B**

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49. In conservation management, what best describes Mitigation?

A. Avoiding environmental damage
B. Reducing negative environmental impacts
C. Causing disturbance
D. Habitat destruction

✅ **Correct answer: B**

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50. In conservation management, what best describes Adaptation?

A. Adjusting to environmental changes
B. Preventing climate change
C. Ignoring impacts
D. Resource extraction

✅ **Correct answer: A**