

APES Ch. 4, 15, 19 Multiple Choice Test Hints

The MC test is 50 questions covering chapters 4, 15, and 19.

Most of the questions involve higher-order learning and critical thinking. Ask yourself how multiple choice questions can be written to cover these concepts.

Study your notes. Review relevant material and questions your study guide workbook and on Albert.io. Check all vocabulary in each chapter.

CHAPTER 4

Air (pressure vs. volume) and altitude	Photic zone
Albedo	Photosynthesis
Benthic zone	Precipitation
Biodiversity	Prevailing winds
Biome	Rainshadow effect
Chemosynthesis	Salinity
Climate	Solar energy
Coral reef	Stratosphere
Coriolis Effect	Thermosphere
ENSO	Temperature vs. altitude
Exosphere	Tropical rainforest
Mesosphere	Troposphere
Phase changes	

CHAPTER 15

Acid deposition	Pb
Acid Rain Program of CAA	pH
Anthropogenic	photochemical smog
Catalytic converters	PM
CFCs	Primary pollutants
CO	Secondary pollutants
Combustion	SO _x (usually SO ₂)
Dissociation	Stratospheric ozone
Montreal Protocol	Thermal inversion
NO _x (NO ₂ , NO)	Tropospheric ozone
Ozone reactions	VOCs

CHAPTER 19

Antarctica	Livestock methane production
Carbon sequestration	Montreal Protocol
Chemical formulas: CO ₂ , H ₂ S, CH ₄ , N ₂ O, CFCs	Ozone – O ₃
Chlorofluorocarbons	Positive feedback loop: increasing global temperatures
Greenhouse effect	ppm
Greenhouse gases	U.S. role in relevant treaties etc.
IPCC	Volcanic eruptions
IR radiation	
Kyoto Protocol	