

- (i) Organisms are a type of _____, and are made up of one or more populations.
- (ii) If something can undergo _____, it is alive.
- (iii) What are the primary processes, secondary structures, tertiary structures, and quaternary structures of a protein? (see chapter 10)
- (iv) DNA and RNA are _____, and are composed of _____.
- (v) All nucleic acids consist of three parts. What are they? Which part has the backbone?
- (vi) The single-ring pyrimidines are _____ and _____; the double-ring purines are _____ and _____.
- (vii) The bases that form base hydrogen bonding are _____ and _____; the bases that form three hydrogen bonding are _____ and _____.
- (viii) What are the components of the nucleolus?
- (ix) What does "transcription" mean?
- (x) What pairs diffuse from the lungs after inhalation?
- (xi) What acids diffuse from the lungs after exhalation?