

Activity 64 Biology: Word Matching

Puzzle # 3 of 10: Match definitions on the right with their corresponding word on the left.

Word Bank	Definition List
_____ 1. Activation Energy	(A) the energy that an atomic system must acquire before a process (such as an emission or reaction) can occur.
_____ 2. Heterotrophy	(B) (adenosine triphosphate) main energy source that cells use for most of their work.
_____ 3. Lipid	(C) thin, flexible barrier around a cell, regulates what enters and leaves the cell.
_____ 4. Osmosis	(D) The division of organisms into groups, or classes, based on specific characteristics.
_____ 5. Ribosome	(E) the organic process by which food is converted into substances that can be absorbed into the body.
_____ 6. Cell Membrane	(F) a chemical reaction and its reverse proceed at equal rates.
_____ 7. Classification	(G) conversion of the information encoded in a gene first into messenger RNA and then to a protein.
_____ 8. Digestion	(H) organisms that cannot make their own food and must feed on other organisms for energy and nutrients.
_____ 9. Gene Expression	(I) macromolecule made mainly from carbon and hydrogen atoms; includes fats, oils, and waxes.
_____ 10. Mutation	(J) (biology) an organism that has characteristics resulting from chromosomal alteration.
_____ 11. Transcription	(K) diffusion of molecules through a semi permeable membrane from a place of higher concentration to a place of lower concentration until the concentration on both sides is equal.
_____ 12. ATP	(L) a unicellular organism having cells lacking membrane-bound nuclei.
_____ 13. Prokaryote	(M) an organelle in the cytoplasm of a living cell, small particle in the cell on which proteins are assembled; made of RNA and protein.
_____ 14. Equilibrium	(N) (genetics) the organic process whereby the DNA sequence in a gene is copied into mRNA.

(Self-Check. Don't Peek!)

1:A 2:H 3:I 4:K 5:M 6:C 7:D 8:E 9:G 10:J 11:N 12:B 13:L 14:F

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