PROTEINS

Match the correct description with the correct term. Write the letter in the space provided.

_____ **24.** molecules that join together to form new proteins

_____ **25.** proteins that start or speed up chemical reactions

_____ **26.** a protein found in red blood cells that binds oxygen and delivers it throughout the body

_____ **27.** a molecule involved in almost all life processes; needed to repair and regulate the body

a. enzymes
b. protein
c. amino acids
d. hemoglobin

CARBOHYDRATES

28. Molecules called _____ include sugars, starches, and fiber.

29. Carbohydrates provide and store _____ for cells.

30. Carbohydrates made of one sugar molecule or a few linked sugar molecules are called _____.

31. Name three examples of a simple carbohydrate.

_____

_____

_____

32. A carbohydrate made of hundreds of molecules linked together is called a(n) _____.

LIPIDS

_____ **33.** Which of the following statements about lipids is NOT true?
a. Lipids mix with water.
b. Lipids store energy.
c. Lipids include fats and oils.
d. Lipids form cell membranes.

34. The molecules that form much of the cell membrane are called _____.

35. Where can an organism get energy once it has used up most of its carbohydrates?

_____

_____

36. How do fats and oils differ?

_____

_____

37. How are lipids stored in plants and animals?

_____

ATP

38. The main energy-carrying molecule in the cell is called

_____.

39. The energy in carbohydrates and lipids is transferred to

_____ to provide fuel for cellular activities.

NUCLEIC ACIDS

40. Molecules consisting of subunits called nucleotides are

called _____.

41. What is the role of nucleic acids?

_____

_____

42. When a cell needs to make a certain protein, it gets the directions from

the nucleotides in _____.