

A) 1 B) 6 C) 14 D) 15 E) all of the above

_____ 6) Which of the following molecules is a saturated fatty acid?

A) 5 B) 7 C) 9 D) 10 E) 14

_____ 7) Which of the following molecules is a purine type of nitrogen base?

A) 5 B) 7 C) 8 D) 12 E) 13

_____ 8) Which of the following molecules acts as building blocks of polypeptides?

A) 1, 4, and 6 B) 2, 7, and 8 C) 9 and 10 D) 11, 12, and 13 E) 14 and 15

_____ 9) Which of the following molecules is an amino acid with a hydrophobic R group or side chain?

A) 4 B) 5 C) 6 D) 7 E) 9

_____ 10) Which of the following molecules could form a peptide bond as a result of a dehydration reaction?

A) 2 and 3 B) 3 and 7 C) 7 and 8 D) 8 and 9 E) 12 and 13

_____ 11) Which of the following molecules could form a fat (or triacylglycerol) as a result of a dehydration reaction?

A) 1 and 2 B) 3 and 5 C) 7 and 8 D) 9 and 10 E) 12 and 13

_____ 12) Which of the following molecules could be joined together by an ester linkage type of covalent bond?

A) 1 and 4 B) 5 and 6 C) 7 and 8 D) 9 and 10 E) 11 and 13

_____ 13) Which of the following molecules contains several glycosidic linkage covalent bonds?

A) 1 B) 6 C) 12 D) 14 E) 15

_____ 14) Which of the following molecules is the sugar found in RNA?

A) 1 B) 6 C) 12 D) 14 E) 15

_____ 15) Which of the following is a disaccharide form of carbohydrate?

A) 1 B) 6 C) 13 D) 14 E) 15

_____ 16) Which of the following molecules has a functional group that frequently is involved in maintaining the tertiary structure of a protein?

A) 2 B) 3 C) 8 D) 10 E) 13

_____ 17) Which of the following molecules consists of a hydrophilic "head" region and a hydrophobic "tail" region?

A) 3 B) 5 C) 7 D) 9 E) 11