

Epigenetic System

- 1) Each of the following represents a component of the epigenetic code, except for
- A) Proteins
 - B) Histones
 - C) **RNA**
 - D) Methylgroups
 - E) Cells
- 2) Which of the following is an accessory region of DNA?
- A) exons
 - B) introns
 - C) methylgroups
 - D) **gene body**
 - E) gaps
- 3) Which of the following is not a DNA methylation?
- A) methylated proteins
 - B) cytosines
 - C) **thymines**
 - D) guanine
 - E) adenines
- 4) The methyl groups and methyl cytosines are components of the
- A) methylated proteins
 - B) genes
 - C) **genome**
 - D) histones
 - E) telomeres
- 5) The repetitive phase is
- A) a type of longitudinal methyl marks
 - B) the most striking form of the epigenetic mark
 - C) **non-coding RNA**
 - D) primarily composed of repetitive genes
 - E) a type of methyl marks marks
- 6) Components of the _____ allow the stages of the prenatal, perinatal, and neonatal epigenetic phase and later
- A) exons
 - B) introns and genes
 - C) **gene body regions**
 - D) exons
 - E) telomeres
- 7) The _____ are double-stranded protein molecules that bind some of the methyl groups in their protein proteins.
- A) methyl groups
 - B) **histones**
 - C) histones
 - D) genes
 - E) thymine